



IPONZ v5 API Data Dictionary – Submit Patent Operation

This document provides additional information for the request and response data fields used in the IPONZ v5 API POST /patent operation.

For convenience the following data dictionary of request and response content is a flattened version of the XML structure.

POST /PATENT REQUEST

Field	Optional/ required	Description
TransactionIdentifier <i>String</i>	Optional	An identifier for the API transaction that can be used to assist MBIE support if problems occur.
TransactionCode <i>Fixed string</i>	Required	Patent E-Filing
RegistrationOfficeCode <i>Fixed string</i>	Required	NZ
PatentApplicationReference <i>String (255)</i>	Required	The reference to be used for future correspondence related to the application. This will be shown on the patent case in the IPONZ online system. The reference is also included in a successful response and can also be used to assist with tracing failures during development or in production use.
ApplicationContact <i>String</i>	Required	Must be either <i>Representative</i> or <i>Applicant</i> . This indicates who should be the contact for future correspondence related to the patent application, either the submitter of the application (representative) or directly with the applicant themselves.
ExaminationRequested <i>Boolean</i>	Required	This should be true if the applicant wishes to request examination. In that case an examination fee will also be charged.
PatentApplicationKind <i>Fixed String</i>	Required	PCTI



Field	Optional/ required	Description
SubjectArea <i>String</i>	Required	This indicates the technology area for the application. Proper categorisation of the subject area can help IPONZ manage the application more efficiently. The value can be selected from: <ul style="list-style-type: none">• Biotech• Chemical• Electrical• Mechanical• Unknown
CertifiedEnglishTranslation/DocumentFilename <i>String (512)</i>	Optional	The name to be used in the IPONZ system for an attached English translation of a foreign language application. This name will be visible to the public in the documents section of the patent case and must have a file extension of either .doc, .docx, or .pdf.
CertifiedEnglishTranslation/Attachment <i>Binary</i>	Optional	The translated specification file can be attached here in Base64 encoded form.
VoluntaryAmendmentDocument/DocumentFilename <i>String (512)</i>	Optional	The name to be used in the IPONZ system for an attached amended specification to be examined. This name will be visible to the public in the documents section of the patent case and must have a file extension of either .doc, .docx, or .pdf. If no amended specification is attached the specification will be retrieved from WIPO.
VoluntaryAmendmentDocument /Attachment <i>Binary</i>	Optional	The amended specification file can be attached here in Base64 encoded form.
DerivationOfRights <i>String</i>	Required	An indication of whether the New Zealand applicant is either the international applicant or their assignee.
DerivationOfRightDocument/DocumentFilename <i>String (512)</i>	Obsolete	Not for use under Patents Act 2013.
DerivationOfRightDocument/Attachment	Obsolete	Not for use under Patents Act 2013.



Field	Optional/ required	Description
<i>Binary</i>		
DeclarationOfInventorship/DeclarationStatement <i>Fixed String</i>	Optional	Include this statement if a declaration as to inventorship is made at the time of application: I/We hereby declare that the true and first inventors of the invention disclosed in the complete specification are as stated in the international application.
InternationalFilingDate <i>Date</i>	Required	The international filing date for the application. In the current version of the API this date is not verified and the filing date for the New Zealand application will be taken from the information retrieved from WIPO.
InternationalApplicationNumber <i>String</i>	Required	The PCT international application number in the form PCT/CCYYYY/NNNNNN.
PatentApplicant	Required	The application must include details for each applicant. If an applicant already exists in the IPONZ registers then their client ID can be used, otherwise full applicant details can be entered in the application. Each applicant should be entered as a separate PatentApplicant element.
ExistingApplicantKey/Identifier <i>Integer</i>		If the applicant has previously applied for other IP cases at IPONZ then they will have an IPONZ client ID that can be used here. This will prevent duplication of data and ensure quality of data in IPONZ registers is maintained.
NewApplicant/ApplicantKey/Identifier <i>Integer</i>		Not for use in an application request. The response for a successful application will include the IPONZ client ID allocated to the new applicant. This value can be stored and used for future applications in the ExistingApplicantKey/Identifier element.



Field	Optional/ required	Description
ApplicantLegalEntity <i>String</i>		The type of entity that the applicant is. Valid values are: <ul style="list-style-type: none">• Person• New Zealand Company• Overseas Company• Partnership• Charitable Trust• Incorporated Society• Other
ApplicantNationalityCode <i>Enumerated String(2)</i>		If the applicant is a person the country code for their nationality must be entered here.
ApplicationIncorporationCountryCode <i>Enumerated String(2)</i>		If the applicant is not a person the code for their country of incorporation must be entered here.
ApplicantAddressBook <i>ComplexType – AddressBookType</i>		Name and contact details of the applicant. See reference section below for details of this data type.
PatentOfAdditionDetails/MainNZPatentNumber <i>PositiveInteger</i>	Optional	If the application is to be granted as a patent of addition to a patent already on the IPONZ register, enter the number here.
PatentOfAdditionDetails/MainInternationalNumber <i>String</i>	Optional	If the application is to be granted as a patent of addition to a PCT application that hasn't been filed in New Zealand, enter the international application number here.
SealingRequested <i>Boolean</i>	Required	This should be true to formally request that the patent application be granted.
RequestForDefermentOfAcceptance <i>Fixed String</i>	Optional	If the applicant wishes acceptance to be deferred for 12 months from first examination then include this element with value "12 months".
AdditionalInformation	Obsolete	Not for use under Patents Act 2013.
GroundsOfEntitlementDocument/DocumentFilename	Optional	The name to be used in the IPONZ system for an



Field	Optional/ required	Description
<i>String (512)</i>		attached Notice of Entitlement. This must have a file extension of either .doc, .docx, or .pdf.
GroundsOfEntitlementDocument/Attachment <i>Binary</i>	Optional	The Notice of Entitlement file can be attached here in Base64 encoded form.

RESPONSE DATA DICTIONARY

The response for a successful request will include the details of the patent application as submitted in the request. Additional fields that may be included in a response are detailed below.

Field	Description
PatentApplicationNumber <i>PositiveInteger</i>	The official number of the patent application that has been submitted.
StatusCode <i>Integer</i>	The numerical code for the patent's current status, always 20 following a successful application to indicate that the patent is currently filed.
StatusDescription <i>String</i>	The description of the patent's current status. This will always be <i>Filed</i> following a successful application.
NationalPhaseEntryDate <i>Date</i>	This will either be the local date when the request was received, or the next working day if it is a day that the office is closed.
InternationalFilingDate <i>Date</i>	The international filing date as retrieved from the WIPO application.
InternationalApplicationNumber <i>String</i>	The international application number as included in the request.
NZElected <i>String</i>	Either "Chapter 1 (Not Elected)" or "Chapter 2 (Elected)" depending on the type of application



Field	Description
	indicated at WIPO.
ApplicantDetails <i>Complex type - NZ_ApplicantDetailsType</i>	<p>Details of the patent applicants as specified in the application request.</p> <p>Each applicant will have an IPONZ client ID returned in ApplicantKey/Identifier. This value can be used in ExistingApplicantKey/Identifier for future applications to prevent creating duplicate client records in the IPONZ registers.</p>
ContactDetails <i>Complex type – NZ_ContactDetailsType</i>	<p>Details of the contact for the application. If the contact is the requestor, then the details are taken from the IPONZ account that is associated with the API credentials used to submit the request.</p>
TransactionErrorCode <i>Token (String)</i>	<p>Either <i>Application Error</i> or <i>Fault Error</i></p> <p><i>Application Error</i> generally indicates that the request cannot be carried out as it does not meet the patent application requirements.</p> <p><i>Fault Error</i> indicates an unexpected error with the web service itself.</p>
TransactionErrorText <i>String</i>	<p>Description of the specific error. The detail will differ depending on the circumstances of the failure, this is a non-exhaustive list of examples:</p> <ul style="list-style-type: none">• There is no suitable payment method available to proceed• We have failed to find a PCT with the number that you have entered. Please check your number and resubmit.• Can't find client with the following code: 1403494223523



ADDRESSBOOKTYPE

This complex data type is used to define name and contact details of IPONZ clients, including owners and agents of various intellectual property (IP) case types. It is used in trade mark and patent application requests and in responses for various services that return IP case information.

A response from an IPONZ service will use the free format name line option rather than the structured format to return the name.

Field	Description
NameKind <i>String</i>	Optional element that describes the nature of the name, selected from: <ul style="list-style-type: none">• Natural Person• Legal Entity• Other
FreeFormatNameLine <i>String (255)</i>	This is a required element when the FreeFormatName option is used to define the name. Multiple FreeFormatNameLine elements can be used in an application, the name that will be used in the application is a concatenation of all these strings separated by spaces. The maximum allowable length of the concatenated string is 255 characters.
PersonName/FirstName PersonName/LastName <i>String (255)</i>	These are required elements when the FormattedName/PersonName option is used to define the name. The name used in the application is a concatenation of the first name and last name separated by a space. The maximum allowable length of the concatenated string is 255 characters.
OrganizationName <i>String (255)</i>	This is a required element when the FormattedName option is used to enter the name on an organisation.
AddressCountryCode <i>String(2)</i>	A two letter country code for the address. See WIPO ST.3 for a list of valid codes. This is a required element in an application request.
FormattedAddress	Addresses for IPONZ clients are stored as three address lines, city, postcode, and country. XML for applications can include up to five AddressLine elements, AddressSuburb, AddressState, AddressCity, and AddressPostCode. Maximum length for each string is 255 characters, except AddressPostCode with maximum



Field	Description
	<p>length of 150 characters..</p> <p>The minimum information that is required is a single AddressLine element.</p> <p>Address line 1 in the IPONZ system is a concatenation of all AddressLine strings with comma and space separation. Maximum length of the concatenated string is 255 characters.</p> <p>Address line 2 in the IPONZ system is taken from the AddressSuburb value.</p> <p>Address line 3 in the IPONZ system is taken from the AddressSuburb value.</p>
Phone/CountryCode Phone/AreaCode Phone/Number <i>String (25)</i>	<p>If additional contact details are entered in an application then the phone number is required. Alphanumeric characters are allowed and the phone number stored in the IPONZ system will be a concatenation of CountryCode, AreaCode, and Number. The maximum length of the concatenated string is 25 characters.</p>
Mobile/CountryCode Mobile /AreaCode Mobile /Number <i>String (25)</i>	<p>A mobile phone number for an applicant can optionally be included in an application. Alphanumeric characters are allowed and the phone number stored in the IPONZ system will be a concatenation of CountryCode, AreaCode, and Number. The maximum length of the concatenated string is 25 characters.</p>
Email <i>String (255)</i>	<p>An email address may optionally provided in an application. This address is not used for any official communication with the office. No validation of the email string is performed in an application request.</p>
