



IPONZ v5 API Data Dictionary – Patent Information Operations

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

For convenience the following data dictionary of response content is a flattened version of the XML structure, in order that the data appears in the response.

GET /PATENT/{PATENT-NUMBER}

Field	Description
TransactionDateTime <i>DateTime</i>	A record of the time that the information was retrieved from the patent register.
PatentNumber <i>PositiveInteger</i>	The official number of the patent.
InternationalApplicationNumber <i>String</i>	For PCT patents, the WIPO international application number in the form PCT/CCYYYY/NNNNNN.
InternationalPublicationNumber <i>String</i>	For PCT patents, the publication number in the form WO/YYYY/NNNNNN.
PatentCurrentStatusCode <i>String</i>	A description of the patent's current status. Valid values are: <ul style="list-style-type: none">• Filed• Under Examination• Accepted• Under Opposition• Withdrawn• Abandoned• Granted• Lapsed• Closed• Expired• Revoked
PatentCurrentStatusDate <i>Date</i>	The date that the patent changed to the current status.



Field	Description
CompleteFiledDate <i>Date</i>	The official filing date for the application. For PCT patents this is the international filing date.
PriorityCountryCode <i>String (2)</i>	The two letter code for a Convention priority country. The IPONZ schema uses WIPO ST.3 for country codes.
PriorityNumber <i>String (30)</i>	The overseas application number of an earlier application used for Convention priority.
PriorityDate <i>Date</i>	The application date of a Convention priority application.
NationalPhaseEntryDate <i>Date</i>	For PCT patents, the date that the application was submitted to IPONZ.
PublishedDate <i>Date</i>	The date that acceptance of the application was published in the IPONZ Journal.
ProvisionalDate <i>Date</i>	The date that an application was filed with a provisional specification.
GrantDate <i>Date</i>	The date that the patent was granted.
RenewalDueDate <i>Date</i>	The date that the next renewal is due, or the date that renewal was due for a lapsed or expired patent.
ExpiryDate <i>Date</i>	The date that the patent expired.
PatentType <i>String</i>	The type of patent: <ul style="list-style-type: none">• National Provisional• National Complete• National Phase Entry PCT
PatentTitle <i>String</i>	The patent title.



Field	Description										
PatentAbstract <i>String</i>	The patent abstract text.										
ClassificationKindCode <i>String</i>	The type of patent classification used for the patent. This is always IPC (International Patent Classification).										
ClassificationVersion <i>String</i>	The version of the IPC classification scheme used for the patent.										
ClassDescriptionDetails/ClassDescription <i>String</i>	The IPC codes used to classify the patent.										
PatentDocument <i>ComplexType – NZ_PatentDocumentType</i>	Published documents related to the description of the invention will have details of the file returned here.										
PatentDocument/DocumentType <i>String</i>	A numeric code for the type of document returned. <table border="1"><thead><tr><th>Code</th><th>Document Type</th></tr></thead><tbody><tr><td>1202</td><td>Abstract</td></tr><tr><td>1203</td><td>Drawing</td></tr><tr><td>1208</td><td>Provisional Specification</td></tr><tr><td>1209</td><td>Complete Specification</td></tr></tbody></table>	Code	Document Type	1202	Abstract	1203	Drawing	1208	Provisional Specification	1209	Complete Specification
Code	Document Type										
1202	Abstract										
1203	Drawing										
1208	Provisional Specification										
1209	Complete Specification										
PatentDocument/DocumentFilename <i>String</i>	The name of the document as displayed in the IPONZ online system. The name will indicate the type of document, e.g. abstract or drawing.										
PatentDocument/DocumentFileFormat <i>String</i>	The format of the file, selected from: <ul style="list-style-type: none">• JPEG• TIFF										



Field	Description
	<ul style="list-style-type: none">• PNG• GIF• DOC• MP3• MPEG• WMA• WAV• CDA• Other
PatentDocument/DocumentSizeInByte <i>Integer</i>	The document file size.
PatentDocument/DocumentID <i>String</i>	An identifier for the patent document file. This identifier can be used in the download document operation to retrieve the file itself.
AssociatedPatentNumber <i>PositiveInteger</i>	The number of any patent case associated with the current patent.
AssociationType <i>String</i>	The nature of the association with another patent.
ApplicantDetails/Applicant <i>Complex type - ApplicantType</i>	Details of the patent applicants/owners.
ApplicantKey/Identifier <i>Integer</i>	The IPONZ client ID of the patent owner.
ApplicantLegalEntity <i>String</i>	The type of entity that the owner is. Valid response values are: <ul style="list-style-type: none">• Person• New Zealand Company• Overseas Company• Partnership• Charitable Trust• Incorporated Society• Other
ApplicantNationalityCode <i>String</i>	A two letter country code for the nationality of the patent owner. See WIPO ST.3 for a list of valid



Field	Description
	codes.
ApplicantIncorporationCountryCode <i>String</i>	A two letter country code for the country of incorporation when the patent owner is a company or other organisation. See WIPO ST.3 for a list of valid codes.
ApplicantAddressBook <i>ComplexType – AddressBookType</i>	Publicly available name and contact details of the patent owner.
Representative <i>Complex type – RepresentativeType</i>	Details of the agent for the application, if applicable.
RepresentativeKey/Identifier <i>Integer</i>	The IPONZ client ID of the patent agent.
RepresentativeLegalEntity <i>String</i>	The type of entity that the agent is. Valid response values are: <ul style="list-style-type: none">• Person• New Zealand Company• Overseas Company• Partnership• Charitable Trust• Incorporated Society• Other
RepresentativeNationalityCode <i>String</i>	A two letter country code for the nationality of the patent agent. See WIPO ST.3 for a list of valid codes.
RepresentativeIncorporationCountryCode <i>String</i>	A two letter country code for the country of incorporation when the patent agent is a company or other organisation. See WIPO ST.3 for a list of valid codes.
RepresentativeAddressBook <i>ComplexType – AddressBookType</i>	Publicly available name and contact details of the patent agent.
Inventor <i>Complex type – NZ_InventorType</i>	Details of the inventors for the patent. Name data is returned in free format.



Field	Description
Inventor/Name/FreeFormatName/NameKind <i>String</i>	Natural Person.
Inventor/Name/FreeFormatNameDetails/FreeFormatNameLine <i>String</i>	The inventor's name, returned in the format entered in the application.
Licensee/LicenseeAddressBook <i>Complex type – AddressBookType</i>	Publicly available name and contact details of any patent licensees entered on the register.
LastRenewedBy <i>String</i>	Description of the most recent renewal of a granted patent, if details are available.
AddressForService <i>Complex type – AddressType</i>	The address details for the patent case contact.
OppositionDate <i>Date</i>	The date on which any proceeding for the patent was lodged.
OppositionType <i>String</i>	The type of proceeding that was lodged, selected from: <ul style="list-style-type: none">• Challenge• Opposition• Appeal• Possible Opposition• Hearing Requested• Revocation Requested• Invalidity Requested• Other• Unknown
PatentEventDetails/PatentEvent <i>ComplexType – PatentEventType</i>	This section lists details of all the public histories for the patent.
PatentEventCode <i>String</i>	A code to describe the type of history that occurred. A reference table of event codes is available for download on the IPONZ API v5 documentation page.
PatentEventCompletedDate	The date that the history was shown publicly on the



Field	Description
<i>Date</i>	IPONZ website
PatentEventDueDate <i>Date</i>	The date that the history was created in the IPONZ system.
PatentEventJournalIssue <i>String</i>	The Journal number if the history was published in the IPONZ Journal.
PatentEventJournalPublicationDate <i>Date</i>	The publication date of the Journal if the history was published in the IPONZ Journal.
OwnerHistoryDetails	Not used in this version.
PatentVersion	Not used in this version.
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.</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> <p>No IP application correspond to IP number 400000</p>



GET /PATENTS/UPDATED/{DATE-RANGE}

Field	Description
TransactionDateTime <i>DateTime</i>	A record of the time that the information was retrieved from the patent register.
UpdatedDateRange/FromDate <i>Date</i>	The start date for the returned update data.
UpdatedDateRange/ToDate <i>Date</i>	The end date for the returned update data.
PatentNumber <i>PositiveInteger</i>	The official number of the patent.
PatentCurrentStatusCode <i>String</i>	A description of the patent's current status. Valid values are: <ul style="list-style-type: none">• Filed• Under Examination• Accepted• Under Opposition• Withdrawn• Abandoned• Granted• Lapsed• Closed• Expired• Revoked
FilingDate <i>Date</i>	The official filing date for the application.
TransactionErrorCode <i>Token (String)</i>	Either <i>Application Error</i> or <i>Fault Error</i> <i>Application Error</i> generally indicates that the request cannot be carried out. <i>Fault Error</i> indicates an unexpected error with the web service itself.
TransactionErrorText <i>String</i>	Description of the specific error. The detail will differ depending on the circumstances of the failure, this is a non-exhaustive list of examples:



Field

Description

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- Start date can't be earlier than 20100101
 - Date range can not be greater than one year
 - End date has to be later than start date
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