



## 2021105027

### A NOVEL WAVELET-BASED MULTIREOLUTION METHOD WITH OPTIMIZATION TECHNIQUES FOR PROCESS CONTROL AND DISTURBANCE REJECTION

## Bibliographic details

Application details	
Australian application number	2021105027
Patent application type	Innovation
Serial number	
Application status	Ceased
First IPC mark	G06F 17/14
Currently under opposition	No
Proceeding types	
Invention title	A NOVEL WAVELET-BASED MULTIREOLUTION METHOD WITH OPTIMIZATION TECHNIQUES FOR PROCESS CONTROL AND DISTURBANCE REJECTION
Inventors	Kanungo, Abhas; Mittal, Monika; Sharma, Himanshu; Mittal, Vikas; Kumar, Pankaj; Gupta, Varun; Choubey, Chandan; Diwania, Sourav; Kumar, Neeraj; Saxena, Nitin Kumar
Agent name	Jain, Jolly
Address for legal service	Flat 102, Forte Apartments 37 Symonds Street, Grafton Auckland 1010 New Zealand
Filing date	05-Aug-2021
Effective date of patent	05-Aug-2021
Australian OPI date	07-Oct-2021
OPI published in journal	
Paid to date	05-Aug-2023

<b>Expiry date</b>	05-Aug-2029	
<b>PSO completed date</b>		
<b>Applicant details</b>		
<b>Applicant 1 name</b>	Kanungo, Abhas	
<b>Applicant 1 address</b>	UP 201206 India	
<b>Applicant 2 name</b>	Mittal, Monika	
<b>Applicant 2 address</b>	Haryana 136119 India	
<b>Applicant 3 name</b>	Sharma, Himanshu	
<b>Applicant 3 address</b>	UP 201206 India	
<b>Applicant 4 name</b>	Mittal, Vikas	
<b>Applicant 4 address</b>	Haryana 136119 India	
<b>Applicant 5 name</b>	Kumar, Pankaj	
<b>Applicant 5 address</b>	UP 250003 India	
<b>Applicant 6 name</b>	Gupta, Varun	
<b>Applicant 6 address</b>	UP 201206 India	
<b>Applicant 7 name</b>	Choubey, Chandan	
<b>Applicant 7 address</b>	UP 201306 India	
<b>Applicant 8 name</b>	Diwania, Sourav	
<b>Applicant 8 address</b>	UP 201206 India	
<b>Applicant 9 name</b>	Kumar, Neeraj	
<b>Applicant 9 address</b>	UP 201306 India	
<b>Applicant 10 name</b>	Saxena, Nitin Kumar	
<b>Applicant 10 address</b>	UP 201206 India	
<b>IPC Marks</b>		
<b>International classification</b>	<b>Version</b>	<b>First mark</b>
G06F 17/14	2021.01	Y
G05B 11/42	2021.01	
G05B 13/02	2021.01	
G06N 3/00	2021.01	
<b>PCT details</b>		
<b>PCT application number</b>		

WIPO publication number

National phase entry date

WIPO publication date

### Priority details

Earliest priority date 05-Aug-2021

Additional/divisional relationships

None

Associated provisionals

None

## eDossier

### Documents

<u>Date</u>	<u>Document title</u>	<u>Type</u>	<u>Status</u>	<input type="checkbox"/>
19-Feb-2024	Ceasing - Non Payment of Renewal Fees - Innovation 19-02-2024 (264KB)	Corro out	Filed	<input type="checkbox"/>
06-June-2023	Renewal Notice 06-06-2023	Corro out	Filed	<input type="checkbox"/>
22-Sept-2021	Innovation Patent Certificate 22-09-2021 (1831KB)	Corro out	Filed	<input type="checkbox"/>
22-Sept-2021	Innovation Patent Notice of Grant 22-09-2021 (269KB)	Corro out	Filed	<input type="checkbox"/>
15-Sept-2021	Combined Abstract Acc-OPI 2021105027 (279KB)	Abstract	Accepted	<input type="checkbox"/>
15-Sept-2021	Description Acc-OPI 2021105027 (2640KB)	Description	Accepted	<input type="checkbox"/>
15-Sept-2021	Drawing Acc-OPI 2021105027 (96KB)	Drawing	Accepted	<input type="checkbox"/>

15-Sept-2021	Claim Acc-OPI 2021105027 (62KB)	Claim	Accepted	<input type="checkbox"/>
11-Aug-2021	Innovation Patent Application Filing Receipt 11-08-2021 (315KB)	Corro out	Filed	<input type="checkbox"/>
11-Aug-2021	Abstract 05-08-2021 AMCZ-2110337003 (279KB)	Abstract	Filed	<input type="checkbox"/>
11-Aug-2021	Description 05-08-2021 AMCZ-2110337003 (2640KB)	Description	Filed	<input type="checkbox"/>
05-Aug-2021	Cover Sheet App Inov 05-08-2021 AMCZ- 2110337003 (6KB)	Other	Filed	<input type="checkbox"/>
05-Aug-2021	Patent Request 05-08- 2021 AMCZ- 2110337003 (6KB)	Patent request	Filed	<input type="checkbox"/>
05-Aug-2021	Note Entlmnt 05-08- 2021 AMCZ- 2110337003 (4KB)	Note entlmnt	Filed	<input type="checkbox"/>
05-Aug-2021	Drawing 05-08-2021 AMCZ-2110337003 (96KB)	Drawing	Filed	<input type="checkbox"/>
05-Aug-2021	Duplicate Specification 05-08-2021 AMCZ- 2110337003 (132KB)	Other	Filed	<input type="checkbox"/>
05-Aug-2021	Claim 05-08-2021 AMCZ-2110337003 (62KB)	Claim	Filed	<input type="checkbox"/>

Download selected

## Lifecycle details

---

### Early termination details

---

<b>Status</b>	Ceased
<b>Date applied</b>	19-Feb-2024
<b>Publication date</b>	29-Feb-2024
<b>Reason</b>	Did not pay a renewal fee within the prescribed time.

### Examination details

<b>Direction date</b>	
<b>Deferment date</b>	
<b>Third party request filing date</b>	
<b>Request filing date</b>	
<b>Request type</b>	
<b>Examination section</b>	
<b>First report date</b>	
<b>Further report date</b>	
<b>Prior art documents</b>	
<b>Acceptance postponed</b>	No

### Acceptance details

<b>Acceptance date</b>	17-Sept-2021
<b>Acceptance published date</b>	
<b>Final date for acceptance</b>	
<b>Amendments considered up to</b>	

### Granting details

<b>Deferment of granting</b>	No
<b>Granting date</b>	22-Sept-2021
<b>Grant published date</b>	07-Oct-2021

## Fee/publication history

### Continuation/renewal fee history

<b>Date paid</b>		
<b>Paid to date</b>	05-Aug-2023	
<b>Next fee due</b>	2	Fee table

## Publication history

---

<b>Publication action</b>	<b>Volume/issue</b>	<b>Publication date</b>	<b>Document kind</b>
Innovation Application Filed	35/34	26-Aug-2021	
Innovation Patents OPI	35/40	07-Oct-2021	AU-A4
Patent Granted - Innovation Patents	35/40	07-Oct-2021	
Patent Ceased	58/9	29-Feb-2024	

---

Current as of 11/12/2025 19:09 GMT+5:30