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# **Application Details**

## 2021106688

# : DEVELOPMENT OF THIAZOLE BASED HETEROCYCLES AS DUAL ANTIINFECTIVE AND CYTOTOXIC AGENTS

#### BIBLIOGRAPHIC DATA

# Application details

Australian application number	2021106688	Patent application type	Innovation		
Application status	GRANTED	Paid to date	2023-08-24	First IPC Mark	<b>C07D 417/14</b> (2021.01)
Currently under opposition	No	Proceeding type(s)			
Invention title	DEVELOPMENT OF THIAZOLE BASED HETEROCYCLES AS DUAL ANTIINFECTIVE AND CYTOTOXIC AGENTS				
Inventor(s)	SHARMA, DIKSHA ; SHARMA, ARCHANA ; SHARMA, VISHAL ; BANSAL, KUSHAL KUMAR ; PAHWA, RAKESH ; SHARMA, PRABODH CHANDER				
Agent name	Lexgin IP	Address for legal service	NSW 2150 Australia	show full address	
Filing date	2021-08-24	Australian OPI date	2021-12-16	OPI published in journal	
Effective date of patent	2021-08-24	Expiry date	2029-08-24		
Additional/Division	al application number	Additional/Division	nal relationship		

# Applicant details

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Applicant	PAHWA, RAKESH	Applicant address	Haryana 136119 India
Applicant	SHARMA, PRABODH CHANDER	Applicant address	110017 India
Old name(s)			

## IPC details

Int CI.	,	Version	First Mark
C07D	417/14	(2021.01)	Υ
A61P	31/04	(2021.01)	N
A61P	33/10	(2021.01)	N
A61P	35/00	(2021.01)	N

## Priority details

Earliest priority date	2021-08-24		
Туре	Number	Filing date	Priority date

## Associated provisional(s)

Provisional number Title Filing date

#### SPECIFICATION/E-REGISTER

History of Published Specifications:

Download Specification(AU-A4)

Explanation of Specification Codes

View an Extract of the Register for this patent.

#### EDOSSIER

<b>Document Date</b>	Document Title	Document Type	Document Status Fi	le Size (KB)
2021-12-01	Innovation Patent Certificate 01-12-2021	CORRO OUT	FILED	1820
2021-12-01	Innovation Patent Notice of Grant 01-12-2021	CORRO OUT	FILED	269
2021-11-24	Abstract Acc-OPI 2021106688	ABSTRACT	ACCEPTED	30
2021-11-24	Claim Acc-OPI 2021106688	CLAIM	ACCEPTED	207
2021-11-24	Description Acc-OPI 2021106688	DESCRIPTION	ACCEPTED	678
2021-11-03	Innovation Patent Application Filing Receipt 03-11-2021	CORRO OUT	FILED	301
2021-08-24	Abstract 24-08-2021 AMCZ-2110387216	ABSTRACT	FILED	30
2021-08-24	Claim 24-08-2021 AMCZ-2110387216	CLAIM	FILED	207
2021-08-24	Cover Sheet App Inov 24-08-2021 AMCZ-2110387216	OTHER	FILED	6
2021-08-24	Description 24-08-2021 AMCZ-2110387216	DESCRIPTION	FILED	678
2021-08-24	Note Entlmnt 24-08-2021 AMCZ-2110387216	NOTE ENTLMNT	FILED	4
2021-08-24	Patent Request 24-08-2021 AMCZ-2110387216	PATENT REQUEST	FILED	5

#### LIFECYCLE DETAILS

## Early termination details

Status	Date applied	Published date
Reason		

## Exam details

Prior art documents

Exam request filing date

First report date

Examination section

Third party examination request date

Request type Exam request status

Further report date

further report date

## Acceptance details

Acceptance date 2021-11-26

# Certification details Granting details

Deferment of	No	Granting date	2021-12-01	Granted	2021-12-16
granting		· ·		published date	

## Extension of time

Status Type From date To date

Application filing date Application published date
Allowance date Allowance published date

## Conversion details

Date converted

From application

number

To application number

Application type

Application type

Application status

#### FEE/PUBLICATION HISTORY

#### Continuation/Renewal fee history

Date paid Last agency address Paid to date

2023-08-24

Next fee due

2

Fee Table

## **Publication history**

Vol/Iss	Publication date	Publication action	Reason	Document kind
35/50	2021-12-16	Innovation Patents OPI		AU-A4
35/50	2021-12-16	Patent Granted - Innovation Patents		
35/46	2021-11-18	Innovation Application Filed		

## OWNERSHIP DETAILS

## Change of ownership

New name Old name

Date of request Date of allowance of name

change

Date published Reason

## Licence details

Licensee(s)

Licence status Type of licence

Term of licence

## Mortgage details

Mortgage status Mortgagee(s)

## OPPOSITIONS, DISPUTES & AMENDMENTS

## Voluntary amendments

Status Request date

Request published date

Allowance date Allowance published date

**Current Oppositions and Disputes** 

## **Completed Oppositions and Disputes**

#### Re-examination

# Court ordered amendments

Court order date	Court name and order number	
	order number	

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Submission of Relevant Material (S27,S28)

This data is current as of 2022-07-27 18:00 AEST.



# CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021106688

The Commissioner of Patents has granted the above patent on 1 December 2021, and certifies that the below particulars have been registered in the Register of Patents.

## Name and address of patentee(s):

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#### Title of invention:

DEVELOPMENT OF THIAZOLE BASED HETEROCYCLES AS DUAL ANTIINFECTIVE AND CYTOTOXIC AGENTS

# Name of inventor(s):

SHARMA, DIKSHA; SHARMA, ARCHANA; SHARMA, VISHAL; BANSAL, KUSHAL KUMAR; PAHWA, RAKESH and SHARMA, PRABODH CHANDER

## **Term of Patent:**

Eight years from 24 August 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 1st day of December 2021

Commissioner of Patents

**PATENTS ACT 1990** 

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

#### Extracts from the Patents Act, 1990

## Sect 120(1A)

Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

## Sec 128 Application for relief from unjustified threats

- (1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:
  - (a) a declaration that the threats are unjustifiable; and
  - (b) an injunction against the continuance of the threats; and
  - (c) the recovery of any damages sustained by the applicant as a result of the threats.
- (2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

#### **Sec 129A**

Threats related to an innovation patent application or innovation patent and courts power to grant relief.

Certain threats of infringement proceedings are always unjustifiable.

- (1) If:
  - (a) a person:
    - (i) has applied for an innovation patent, but the application has not been determined; or
    - (ii) has an innovation patent that has not been certified; and
  - (b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be; then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

Courts power to grant relief in respect of threats made by the applicant for an innovation patent or the patentee of an uncertified innovation patent

(2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.

Courts power to grant relief in respect of threats made by the patentee of certified innovation patent

(3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

#### Schedule 1 Dictionary

certified, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph101E(e) in respect of the patent