



(11)

EP 2 870 140 B8

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:
Corrected version no 1 (W1 B1)
Corrections, see
Bibliography INID code(s) 73

(51) Int Cl.:
C07D 239/90 ^(2006.01) **C07D 239/88** ^(2006.01)
A61K 31/517 ^(2006.01) **A61P 35/00** ^(2006.01)

(48) Corrigendum issued on:
28.09.2016 Bulletin 2016/39

(86) International application number:
PCT/IB2013/055618

(45) Date of publication and mention
of the grant of the patent:
27.07.2016 Bulletin 2016/30

(87) International publication number:
WO 2014/009872 (16.01.2014 Gazette 2014/03)

(21) Application number: **13742752.2**

(22) Date of filing: **09.07.2013**

(54) **TETRAHYDROQUINAZOLINONE DERIVATIVES AS PARP INHIBITORS**

TETRAHYDROCHINAZOLINON-DERIVATE ALS PARP INHIBITOREN

DERIVES DE TETRAHYDROQUINAZOLINONE COMME INHIBITEURS DE PARP

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO
PL PT RO RS SE SI SK SM TR

(30) Priority: **09.07.2012 IN KO07622012**

(43) Date of publication of application:
13.05.2015 Bulletin 2015/20

(73) Proprietor: **Lupin Limited**
Mumbai 400055 (IN)

(72) Inventors:
• **JANA, Gourhari**
Pune 412 115
Maharashtra (IN)
• **KURHADE, Sanjay, Pralhad**
Pune 412 115
Maharashtra (IN)
• **JAGDALE, Arun, Rangnath**
Pune 412 115
Maharashtra (IN)
• **KUKREJA, Gagan**
Pune 412 115
Maharashtra (IN)

- **SINHA, Neelima**
Pune 412 115
Maharashtra (IN)
- **PALLE, Venkata, P.**
Pune 412 115
Maharashtra (IN)
- **KAMBOJ, Rajender, Kumar**
Pune 412 115
Maharashtra (IN)

(74) Representative: **McDonough, Jonathan**
Hepworth Browne
7 Wragley House
Valley Road
Hebden Bridge
HX7 7BN (GB)

(56) References cited:
EP-A1- 1 396 488

- **KAZUKI OHNO ET AL: "Docking study and binding free energy calculation of poly (ADP-ribose) polymerase inhibitors", JOURNAL OF MOLECULAR MODELING, SPRINGER VERLAG, DE, vol. 17, no. 2, 18 May 2010 (2010-05-18), pages 383-389, XP019877453, ISSN: 0948-5023, DOI: 10.1007/S00894-010-0728-2**

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

EP 2 870 140 B8

- **ISHIDA J ET AL:**
"4-Phenyl-1,2,3,6-tetrahydropyridine, an excellent fragment to improve the potency of PARP-1 inhibitors", **BIOORGANIC & MEDICINAL CHEMISTRY LETTERS**, PERGAMON, vol. 15, no. 19, 1 October 2005 (2005-10-01), pages 4221-4225, XP027801419, ISSN: 0960-894X [retrieved on 2005-10-01]