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(54) **PYRIMIDONE COMPOUNDS AND THEIR USE FOR THE TREATMENT OF ALPHA-1-ANTITRYPSIN DEFICIENCY**

PYRIMIDONE VERBINDUNGEN UND DEREN VERWENDUNG ZUR BEHANDLUNG VON ALPHA-1-ANTITRYPSIN-MANGEL

COMPOSÉS DE PYRIMIDONE ET LEUR UTILISATION DANS LE TRAITEMENT D'UNE DÉFICIENCE EN ALPHA-1-ANTITRYPSINE

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| <p>(84) Designated Contracting States:<br/><b>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</b><br/>Designated Validation States:<br/><b>MA</b></p> <p>(30) Priority: <b>14.12.2018 GB 201820450</b></p> <p>(43) Date of publication of application:<br/><b>20.10.2021 Bulletin 2021/42</b></p> <p>(73) Proprietor: <b>Z Factor Limited</b><br/><b>Altrincham</b><br/><b>Cheshire WA14 2DT (GB)</b></p> <p>(72) Inventors:<br/>• <b>RAMSDEN, Nigel</b><br/><b>Babraham, Cambridge CB22 3FH (GB)</b><br/>• <b>FOX, David John</b><br/><b>Coventry CV4 7AL (GB)</b><br/>• <b>HUNTINGTON, James Andrew</b><br/><b>Altrincham, Cheshire WA14 2DT (GB)</b></p> | <p>(74) Representative: <b>Roberts, Michael Austin</b><br/><b>Reddie &amp; Grose LLP</b><br/><b>The White Chapel Building</b><br/><b>10 Whitechapel High Street</b><br/><b>London E1 8QS (GB)</b></p> <p>(56) References cited:<br/><b>WO-A2-01/52830 WO-A2-2008/143633</b><br/><b>US-A1- 2015 045 344</b></p> <p>• <b>MEERA MALLYA ET AL: "Small Molecules Block the Polymerization of Z [alpha] 1 -Antitrypsin and Increase the Clearance of Intracellular Aggregates", JOURNAL OF MEDICINAL CHEMISTRY, vol. 50, no. 22, 1 November 2007 (2007-11-01), pages 5357-5363, XP55667904, US ISSN: 0022-2623, DOI: 10.1021/jm070687z</b></p> |
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**EP 3 894 393 B8**

- MARION BOUCHECAREILH ET AL: "Histone Deacetylase Inhibitor (HDACi) Suberoylanilide Hydroxamic Acid (SAHA)-mediated Correction of [alpha]1-Antitrypsin Deficiency", JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 287, no. 45, 2 November 2012 (2012-11-02), pages 38265-38278, XP55667908, US ISSN: 0021-9258, DOI: 10.1074/jbc.M112.404707