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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 88 21 27

Classification of the application (IPC):

**A61K 31/575, A61K 31/4375, A61P 1/16, A61P 3/06, A61P 3/10, A61K 9/20,
A61K 9/48**

Technical fields searched (IPC):

A61K, A61P

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	WO 2016015634 A1 (SHENZHEN HIGHTIDE BIOPHARMACEUTICAL LTD [CN]) 04 February 2016 (2016-02-04) * example 5 * * figures 15-21 *	1, 3-7 1-12
X Y	LIU L ET AL: "HTD1801 a novel treatment addressing the underlying metabolic features of NAFLD/NASH" <i>HEPATOLOGY V70 SUPPL.1 2019 20191001 JOHN WILEY AND SONS INC. NLD</i> , 01 October 2019 (2019-10-01), vol. 70, no. Supplement 1, ISSN: 1527-3350, XP009555841 * the whole document *	1, 3-7 1-12
X Y	LIU, LP; BAI, R; YU, L; YU, M; FU, XX: "HTD1801 A NOVEL TREATMENT FOR NAFLD/NASH AND PRIMARY SCLEROSING CHOLANGITIS (PSC)" <i>HEPATOLOGY</i> , 01 October 2019 (2019-10-01), vol. 70, no. Suppl 1, pages 1261A-1262A, XP009555813 * the whole document * * figure 1 *	1, 3, 5-7 1-12
Y	XING LIAN-JUN ET AL: "Berberine reducing insulin resistance by up-regulating IRS-2 mRNA expression in nonalcoholic fatty liver disease (NAFLD) rat liver" <i>EUROPEAN JOURNAL OF PHARMACOLOGY NL</i> 01 October 2011 (2011-10-01), vol. 668, no. 3, DOI: 10.1016/j.ejphar.2011.07.036, ISSN: 0014-2999, pages 467-471, XP093189113 * page 470 * * page 471 *	1-12
Y	LI ZHAO ET AL: "Berberine improves glucogenesis and lipid metabolism in nonalcoholic fatty liver disease" <i>BMC ENDOCRINE DISORDERS, BIOMED CENTRAL LTD, LONDON, UK</i> , 28 February 2017 (2017-02-28), vol. 17, no. 1, DOI: 10.1186/S12902-017-0165-7, pages 1-8, XP021242660 * page 4, left-hand column; figure 3 * * page 5, paragraph 1; figure 4 * * page 5, left-hand column, paragraph 2; figure 6 *	1-12

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 29 July 2024	Examiner Loher, Florian
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
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DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	<p>ZHANG HAO ET AL: "Berberine lowers blood glucose in type 2 diabetes mellitus patients through increasing insulin receptor expression" <i>METABOLISM</i> US 01 February 2010 (2010-02-01), vol. 59, no. 2, DOI: 10.1016/j.metabol.2009.07.029, ISSN: 0026-0495, pages 285-292, XP093189125 * page 289, right-hand column, paragraph 2 - page 290; table 1 * * figures 1,2 *</p>	1-12
Y	<p>WO 2009011420 A1 (MITSUBISHI TANABE PHARMA CORP [JP]; ISHII SHINICHI [JP] ET AL.) 22 January 2009 (2009-01-22) * claims 1,5; example 1 *</p>	1-12
Y	<p>WO 2010106420 A1 (AXCAN PHARMA INC [CA]; SPENARD JEAN [CA] ET AL.) 23 September 2010 (2010-09-23) * examples 1,2 * * claims 1-12 *</p>	1-12

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 29 July 2024	Examiner Loher, Florian
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
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