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(54) Title: METHOD AND ARRANGEMENT FOR PRODUCING A GLUE POWDER FOR FIBERBOARD PRODUCTION, AND METHOD FOR PRODUCING FIBERBOARD AND FIBERBOARD MANUFACTURING ARRANGEMENT

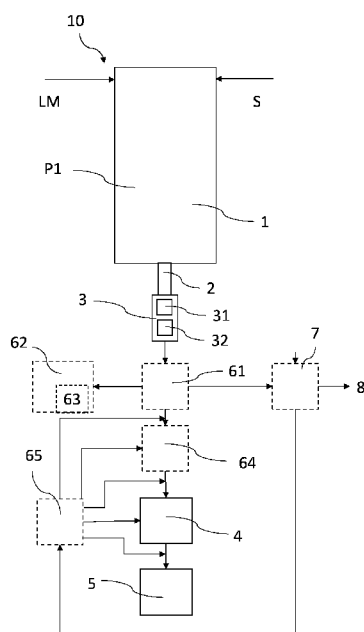


Fig 1

(57) Abstract: The present invention relates to a method for producing fiberboard or glue powder for fiberboard production, comprising - supplying (11) lignocellulosic material (LM) to a reactor (1), - treating (12) the lignocellulosic material (LM) in the reactor (1), - discharging (13) the lignocellulosic material (LM) from the reactor (1) through an outfeed unit (2) to a pressure drop unit (3) that comprises a receiving portion (32) held at a lower pressure for causing steam explosion of the lignocellulosic material (LM) to create steam exploded fibers, and drying and pressing the steam exploded fibers to fiberboard or alternatively providing the steam exploded fibers as a glue powder. The invention also relates to a manufacturing arrangement.



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B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) B27N C09J C08H D21J D21B C10L		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2009/221814 A1 (PSCHORN THOMAS [CA] ET AL) 3 September 2009 (2009-09-03)	1, 2, 4-7, 10, 11, 19-21, 23
Y	paragraphs [0016], [0017], [0031] - [0033], [0036] - [0040], [0045]; figures 1-8	6, 15

X	WO 2021/176326 A1 (UNILIN BV [BE]) 10 September 2021 (2021-09-10)	1, 2, 4-9, 12-18, 22-24
	claims 1, 2, 4, 11-17, 22, 23, 28, 33, 35, 46; figure 1 page 5, lines 18-21	

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☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance;; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance;; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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X	WO 2021/246927 A1 (VALMET OY [SE]) 9 December 2021 (2021-12-09)	1, 4
Y	page 11, paragraph 1 page 13, paragraph 5 - page 14, column 2 claims 1, 5, 7, 8, 9, 11, 12, 14, 15, 17; figure 1 -----	6, 15
X	US 2011/100359 A1 (NORTH PETER HERBERT [IE]) 5 May 2011 (2011-05-05) paragraphs [0003], [0004], [0044], [0071], [0072], [0076], [0078], [0080], [0097], [0117]; claims 1, 13, 21; figures 1, 3, 10 -----	1-6, 10, 11, 13, 15, 19-21

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Information on patent family members

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