[19] PATENT OFFICE OF THE COOPERATION COUNCIL FOR THE ARAB STATES OF THE GULF

[19] مكتب براءات الاختراع لمجلس التعاون لدول الخليج العربية

[12] Patent

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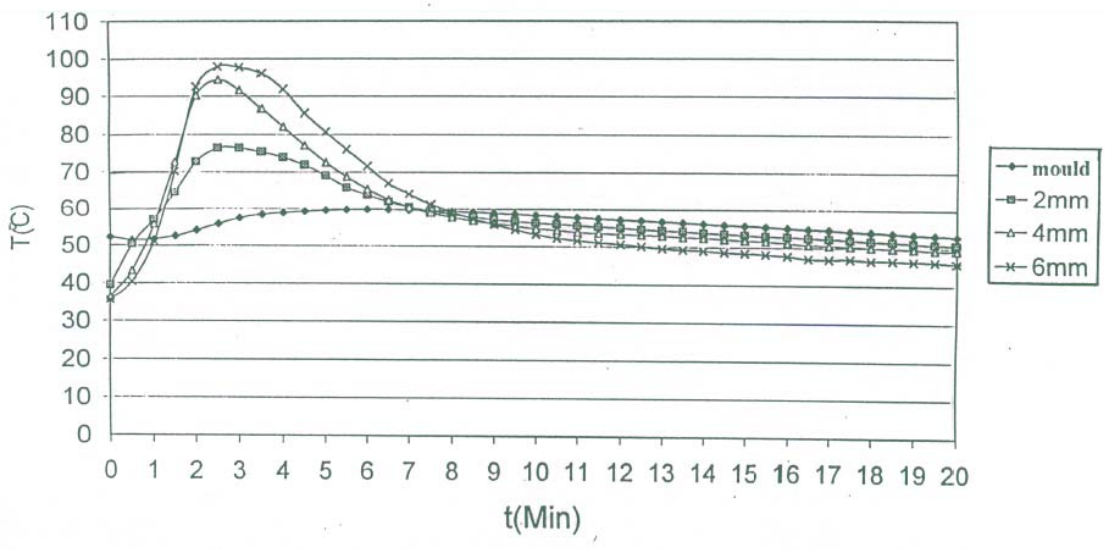
[21] Application No.: GCC/P/2001/1308 [22] Filing Date: 24/04/2001 [30] Priority: [31] Priority No. [32] Priority date [33] State 10020642.5 27/04/2000 DE [72] Inventors: 1- Borge Carlstrom, 2- Eva Willquist [73] Owner: Caldero Trust Reg., Mitteldorf 1, P.O. Box 838, Vaduz 9490, Liechtenstein [74] Agent: Suleiman Ibrahim Al-Ammar	[51] Int. Cl.[7]: B29C 41/04 [56] Cited Documents: - WO 8605436 A (DOW CHEMICAL GMBH) 25 September 1986 - US 5306458 A (CARLSTROM BOERGE et al.) 26 April 1994 - EP 0790114 A (HOBAS ENG AG) 20 August 1997 - WO 0043158 A (TECH LTD C; CARLSTROEM BOERGE (SE)) 27 July 2000

[54] METHOD AND INSTALLATION FOR MANUFACTURING CENTRIFUGED GLASS FIBRE-REINFORCED PIPES

[57] Abstract: The invention relates to a method and installation for the purpose of manufacturing centrifuged glass fibre-reinforced synthetic material pipes, wherein liquid curable resin, which can contain a filler, together with glass fibres and additives for the curing process, possibly also with sand, is introduced into a rotating mould. With respect to the mould temperature as the raw materials are introduced, the quantity and type of additives are adapted in a successive manner such that gelling commences in the outer part of the pipe when the last part of the raw materials is introduced. Upon gelling, the temperature is lowest in the outer part than in the inner part and gelling only commences in the inner part of the pipe after all of the raw materials have been introduced.

No. of claims: 18 No. of figures: 14

Figure 1
130g resin, 130g filler, 0 ml inhibitor and 2 ml catalyst



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