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(54) **Coextrusion centrifugal fiberizing apparatus**

(57) The subject of the invention is a coextrusion centrifugal fiberizing apparatus for the simultaneous production of synthetic and/or natural, homogeneous and/or mixed fibers from thermoplastic raw materials by centri-

fuging. The coextrusion centrifugal fiberizing apparatus according to the invention is suitable for the production of heat-insulating quilts of both homogeneous and/or mixed fiber structures primarily from recycled plastics.

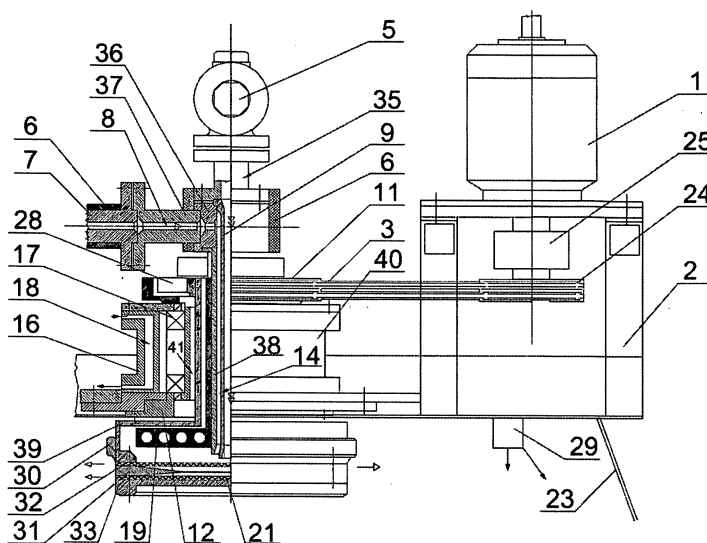


Figure 1



EUROPEAN SEARCH REPORT

Application Number
EP 07 02 3927

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	EP 0 703 196 A (OWENS CORNING FIBERGLASS CORP [US]) 27 March 1996 (1996-03-27) * the whole document *	1-7	INV. D01D5/18
A	EP 0 994 079 A (OWENS CORNING FIBERGLASS CORP [US]) 19 April 2000 (2000-04-19) * abstract; figures 1-6 *	1-7	
A	WO 96/19337 A (OWENS CORNING FIBERGLASS CORP [US]) 27 June 1996 (1996-06-27) * abstract; figures 1,2 *	1-7	
A	US 4 451 276 A (BARTHE MARIE-PIERRE [FR] ET AL) 29 May 1984 (1984-05-29) * column 6, lines 43-49; figure 1 *	1,2	
A	US 3 231 639 A (MARCEL MABRU) 25 January 1966 (1966-01-25) * column 4, lines 40-69; figure 8 *	1	
A	US 5 055 241 A (SEIGNAN JACQUES [FR] ET AL) 8 October 1991 (1991-10-08) * column 6, lines 46-52; figure 1 *	7	TECHNICAL FIELDS SEARCHED (IPC) D01D
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 18 February 2010	Examiner Barker, Stephan
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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EPO FORM 1503 03.02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 07 02 3927

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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18-02-2010

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0703196	A	27-03-1996	CA 2158700 A1	21-03-1996
			DE 69514742 D1	02-03-2000
			DE 69514742 T2	31-08-2000
			JP 8170216 A	02-07-1996
			US 5514199 A	07-05-1996

EP 0994079	A	19-04-2000	NONE	

WO 9619337	A	27-06-1996	AU 4100296 A	10-07-1996
			US 5718787 A	17-02-1998
			US 5869413 A	09-02-1999

US 4451276	A	29-05-1984	NONE	

US 3231639	A	25-01-1966	FR 1298508 A	13-07-1962
			FR 81027 E	19-07-1963
			GB 952793 A	18-03-1964
			NL 279172 A	

US 5055241	A	08-10-1991	DE 3462703 D1	23-04-1987
			EP 0122836 A1	24-10-1984
			FR 2543169 A1	28-09-1984
			JP 1802855 C	26-11-1993
			JP 5009525 B	05-02-1993
			JP 59179811 A	12-10-1984
