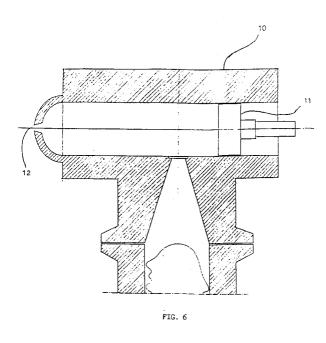
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(54) Improvement in the recycling method for the re-use of solid household and similar wastes

(57) Method for re-compacting and moulding solid plasticized substances using heterogeneous materials, in particular solid household and similar waste, wherein said waste is previously cleaned to remove earthy substances, organic substances and metals, comprising a process step in which said cleaned waste compound is finely shredded, an addition of blending and alloying additives into said shredded compound, and the extrusion of the so prepared compound into appropriate dies, in which said solid substances are eventually moulded under pressure, wherein sais extrusion is performed at a temperature that increases progressively until a steadystate temperature is reached which corresponds to the highest attainable process temperature. Ideally, such highest attainable process temperature does not exceed 180°C.

The extrusion screw has a main pushing shoulder showing a curvilinear profile, and between a main pushing shoulder and the next one a secondary pushing shoulder is provided whose profile is lower than that of the main pushing shoulder.



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European Patent

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EUROPEAN SEARCH REPORT

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Category	Citation of document with in of relevant passa	dication, where appropriate, ages	Relevar to claim		
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X	* column 1, line 6	- line 65; figure 1 *		//B29K105:26	
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A FR 1 351 109 A (W. M * claim 1; figures			1,7-9		
	The present search report has I	been drawn up for all claims			
Place of search		Date of completion of the search	_	Examiner	
MUNICH 2- 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 Y: particularly relevant		E : earlier patent t after the filing o D: dooument ofte L: dooument ofteo &: member of the	Ctober 1997 Topalidis, A T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document oited in the application L: document oited for other reasons &: member of the same patent family, corresponding document		