

Title (en)  
EXTRUDER FOR VEGETAL PARTICLES MIXED WITH A BINDING AGENT

Title (de)  
STRANGPRESSE FÜR MIT BINDEMittel VERMENGTE PFLANZliche KLEINTEILE

Title (fr)  
EXTRUDEUSE POUR DES PARTICULES VEGETALES MELANGEES AVEC UN LIANT

Publication  
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Application  
**EP 01958060 A 20010808**

Priority  
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Abstract (en)  
[origin: WO0234489A1] The invention seeks to significantly reduce investment in expensive drying systems for vegetal particles, especially wood, during pre- preparation of the extruder when such vegetal particles exhibiting a high degree of moisture, for example, 8-14 % atro are intended to be pressed. In order to solve the above-mentioned problem, a conventional extruder is used, wherein the mixture of particles is pushed through a receptacle (4) and a hardening channel (6) by means of an extruder piston. The invention is characterized in that the walls (8) of the first section of the hardening channel (6) downstream from the receptacle (4) are arranged in such a way that they can yield (8,9) and thereby reduce friction as the extruder piston (3) advances. This prevents the strand of extruded material from becoming blocked in the pre-heating section of the hardening channel.

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Citation (third parties)  
Third party :  
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