

Title (en)

EXTRUDER FOR VEGETABLE SMALL PARTS, WHICH ARE MIXED WITH A BINDING AGENT, FOR PRODUCING COMPACT STRANDS

Title (de)

STRANGPRESSE FÜR MIT BINDEMittel GEMISCHTE PFLANZliche KLEINTEILE ZUR BILDUNG KOMPAKTER STRÄNGE

Title (fr)

BOUDINEUSE POUR PETITS ACCESSOIRES VEGETAUX MELANGES A UN LIANT POUR FORMER DES BRINS COMPACTS

Publication

EP 1261476 A1 20021204 (DE)

Application

EP 01929380 A 20010301

Priority

- DE 20004452 U 20000309
- EP 0102293 W 20010301

Abstract (en)

[origin: WO0166339A1] The invention relates to an extruder (1) for producing compact strands (2) from vegetable small parts, which are mixed with a binding agent, for producing pallet bearers, profiles or the like. In order to reduce the structural complexity and the space requirements of the extruder, the invention provides that, while avoiding the provision of a piston-type extruder, the system for shaping and conveying the strand is composed of conveyors (12, 13, 14) which continuously revolve like a chain and in whose feed gap thermal energy, especially saturated steam, is introduced into the small part mixture (7) that has not yet been compacted. The condensation of the steam initiates the hardening of the strand during the shaping thereof and during its advance in the passages.

IPC 1-7

B30B 11/22; **B30B 5/06**

IPC 8 full level

B27N 3/28 (2006.01); **B30B 5/06** (2006.01); **B30B 11/22** (2006.01); **B30B 11/24** (2006.01)

CPC (source: EP)

B27N 3/28 (2013.01); **B30B 5/06** (2013.01); **B30B 11/224** (2013.01); **B30B 11/243** (2013.01)

Citation (search report)

See references of WO 0166339A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0166339 A1 20010913; AT E252449 T1 20031115; DE 20004452 U1 20010308; DE 50100834 D1 20031127; EP 1261476 A1 20021204; EP 1261476 B1 20031022

DOCDB simple family (application)

EP 0102293 W 20010301; AT 01929380 T 20010301; DE 20004452 U 20000309; DE 50100834 T 20010301; EP 01929380 A 20010301