

Title (en)

Method and device for simultaneous creation of multiple strands from a mouldable material

Title (de)

Verfahren und Vorrichtung zur gleichzeitigen Erzeugung mehrerer Stränge aus einem formbaren Material

Title (fr)

Procédé et dispositif destinés à la production simultanée de plusieurs brins à partir d'un matériau moulable

Publication

EP 2543503 A3 20130605 (DE)

Application

EP 12004547 A 20120616

Priority

DE 102011106374 A 20110704

Abstract (en)

[origin: EP2543503A2] The method involves providing a press comprising a plate-like die with nozzles (13), which are formed as continuous holes. The plate-like die is heated to temperature above boiling temperature of moisture i.e. gaseous moisture, contained in a moldable material to dry the moldable material pressed through the nozzles. The moldable material is dehumidified and compacted by passing the moldable material through conical portions (17) of the nozzles. The moisture is frozen before the moldable material is emerged from the nozzles. An independent claim is also included for a device for simultaneously producing multiple strands from a moldable material by using a press.

IPC 8 full level

B30B 11/22 (2006.01); **B30B 15/34** (2006.01)

CPC (source: EP US)

B30B 11/221 (2013.01 - EP US); **B30B 11/228** (2013.01 - EP US); **B30B 15/34** (2013.01 - EP US)

Citation (search report)

- [XY] DE 2714614 A1 19781012 - PROJEKTIERUNG CHEM VERFAHRENST
- [Y] WO 0018572 A1 20000406 - PURKERT METALL & FORM GMBH [AT], et al
- [Y] DE 3813081 A1 19891102 - KAHL AMANDUS MASCHF [DE]
- [X] EP 0143414 A2 19850605 - HOWALDTSWERKE DEUTSCHE WERFT [DE]
- [X] CN 201471751 U 20100519 - BEIJING AOKE RUIFENG MECHANICAL & ELECTRICAL TECHNOLOGY CO LTD
- [A] US 4128372 A 19781205 - ROSE LARRY E, et al
- [A] DE 3711379 A1 19881020 - HOELTER HEINZ [DE]
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2543503 A2 20130109; EP 2543503 A3 20130605; BR 102012016441 A2 20140520; CA 2782107 A1 20130104; DE 102011106374 A1 20130110; RU 2012126706 A 20140310; US 2013009343 A1 20130110

DOCDB simple family (application)

EP 12004547 A 20120616; BR 102012016441 A 20120703; CA 2782107 A 20120703; DE 102011106374 A 20110704; RU 2012126706 A 20120831; US 201213540835 A 20120703