

Title (en)

METHOD AND DEVICE FOR AGGLOMERATING A MIXTURE INCLUDING METAL DUST

Title (de)

VERFAHREN UND VORRICHTUNG ZUR AGGLOMERATION EINER MISCHUNG MIT METALLSTAUB

Title (fr)

PROCÉDÉ ET DISPOSITIF D'AGGLOMÉRATION D'UN MÉLANGE COMPRENANT DES POUSSIÈRES MÉTALLIQUES.

Publication

EP 2689046 A1 20140129 (FR)

Application

EP 12712294 A 20120319

Priority

- FR 1100836 A 20110321
- FR 2012000097 W 20120319

Abstract (en)

[origin: WO2012127132A1] The invention relates to a method for agglomerating a mixture including metal dust and a binder, and to a device for carrying out the method, said method including a step of pressing the mixture, the pressing including pressing by means of a pressing head in a mold (17) having a frame (61) and intermediate walls (66) oriented substantially parallel to the direction of the thickness of the frame (61), and provided with ribs (68) projecting in a direction falling within the plane of the frame (61) and extending in a direction that is substantially parallel to the direction of the thickness of the frame (61), the mold (17) being configured to form at least one cake, said ribs (68) forming grooves in said cake such that said cake can be cut into agglomerate portions.

IPC 8 full level

C22B 1/243 (2006.01); **B22F 1/148** (2022.01); **B28B 3/00** (2006.01); **C22B 7/00** (2006.01)

CPC (source: EP US)

B22F 1/148 (2022.01 - EP US); **B28B 7/0097** (2013.01 - EP); **B28B 7/24** (2013.01 - EP); **B30B 15/304** (2013.01 - EP); **B30B 15/32** (2013.01 - EP); **C22B 1/243** (2013.01 - EP US); **C22B 7/00** (2013.01 - EP); **Y02P 10/20** (2015.11 - EP)

Citation (search report)

See references of WO 2012127132A1

Cited by

US9655171B2

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

DOCDB simple family (publication)

WO 2012127132 A1 20120927; CA 2830847 A1 20120927; EP 2689046 A1 20140129; FR 2972947 A1 20120928; FR 2972947 B1 20130426

DOCDB simple family (application)

FR 2012000097 W 20120319; CA 2830847 A 20120319; EP 12712294 A 20120319; FR 1100836 A 20110321