

Title (en)

Device for producing solid fuel in a form of shaped profiles and method for producing solid fuel

Title (de)

Vorrichtung zum Herstellen eines festen Brennstoffes mit einer Profilform und Verfahren zum Herstellen eines festen Brennstoffes

Title (fr)

Dispositif pour la fabrication d'un combustible solide sous la forme d'un profil et procédé pour la fabrication d'un combustible solide

Publication

EP 2548725 A1 20130123 (EN)

Application

EP 12005062 A 20120709

Previously filed application

39569211 20110718 PL

Priority

PL 39569211 A 20110718

Abstract (en)

The invention relates to an apparatus for production of solid fuel in the form of pre-formed blocks, comprising at least one container for raw materials, connected with a granulator directly or indirectly with it by means of a fine grinding section and/or a homogenisation section, characterised in that the drum granulator (10) comprises a drum matrix (12) with holes (16) located on the external surface thereof and a roller (13) adjoining it from the outside and provided with punches (17) on its perimeter, wherein the matrix (12) rotation axis is parallel to the roller (13) rotation axis.

IPC 8 full level

B30B 11/28 (2006.01)

CPC (source: EP)

B30B 11/28 (2013.01)

Citation (applicant)

- PL 201369 A1 19790507 - INST METALI NIEZELAZNYCH
- PL 194593 B1 20070629 - SZCZEPANIAK STANISLAW [PL], et al
- PL 174678 B1 19980831 - INST CHEM PRZEROBKI WEGLA [PL], et al
- PL 174972 B1 19981030 - INST CHEM PRZEROBKI WEGLA [PL]
- PL 177076 B1 19990930 - PRZED WIELOBRANZOWE VET AGRO S [PL]

Citation (search report)

- [X] DE 202009001697 U1 20090520 - HOCHGATTERER JOSEF [AT], et al
- [XY] EP 0126485 A1 19841128 - SULZBERGER JOHANN [DE], et al
- [Y] EP 1306199 A2 20030502 - ECOTRE SYSTEM S R L [IT]
- [X] JP H06699 A 19940111 - ITEC KK
- [X] US 5728447 A 19980317 - HAIMER FRANZ [DE]
- [X] DE 1454887 A1 19690206 - WITTROCK LUDWIG
- [A] GB 2001579 A 19790207 - BERTHELSEN M
- [A] US 3490390 A 19700120 - TOIT ANDRIES PRETORIUS DU

Cited by

RU2624693C1; CN109466105A; CN107650420A

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

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