

Title (en)

PELLET PRESS FOR PRODUCING PELLETS

Title (de)

PELLETIERPRESSE ZUR HERSTELLUNG VON PELLETS

Title (fr)

PRESSE À GRANULÉS POUR LA FABRICATION DE GRANULÉS

Publication

EP 2483067 A1 20120808 (DE)

Application

EP 10762606 A 20100930

Priority

- DE 102009047902 A 20090930
- EP 2010005983 W 20100930

Abstract (en)

[origin: WO2011038917A1] The invention relates to a pellet press for producing pellets (10), there being in the pellet press (3) at least one die (4) having a multiplicity of holes (13) for compressing the biomass (1), at least one roll (5) rolling on the die (4) and at least one drive device for the die (4) and/or the roll (5). The aim of the invention is to produce a pellet press in which it is possible to eliminate local damage or partial wear of the die with the least possible effort or to make it easier to replace the die with a spare part. The invention consists of at least two die segments (7, 7'...) being arranged as the die (4), at least one supporting device (9) being arranged to support the die segments (7, 7'...) with respect to the roll (5), and the supporting device (9) having at least one aperture (8) for the pellets (10) emerging from the holes (13) in the die (4) to be led through.

IPC 8 full level

B30B 11/22 (2006.01); **B30B 11/20** (2006.01)

CPC (source: EP KR US)

B30B 11/20 (2013.01 - KR); **B30B 11/202** (2013.01 - EP US); **B30B 11/22** (2013.01 - KR); **B30B 11/221** (2013.01 - EP US);
B30B 11/228 (2013.01 - EP US); **Y02E 50/10** (2013.01 - EP US); **Y02E 50/30** (2013.01 - EP US)

Citation (search report)

See references of WO 2011038917A1

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2011038917 A1 20110407; BR 112012005179 A2 20171212; CA 2772704 A1 20110407; CN 102695607 A 20120926;
CN 102695607 B 20150520; DE 102009047902 A1 20110622; EP 2483067 A1 20120808; KR 20120087142 A 20120806;
RU 2012117148 A 20131110; RU 2564185 C2 20150927; US 2012244242 A1 20120927; US 8876516 B2 20141104

DOCDB simple family (application)

EP 2010005983 W 20100930; BR 112012005179 A 20100930; CA 2772704 A 20100930; CN 201080044982 A 20100930;
DE 102009047902 A 20090930; EP 10762606 A 20100930; KR 20127010959 A 20100930; RU 2012117148 A 20100930;
US 201013498522 A 20100930