

Title (en)

Forming tool of the device for producing fuel or feed pellets.

Title (de)

Formwerkzeug für eine vorrichtung zur Herstellung von Brennstoffpellets oder von Futterpellets

Title (fr)

Outil de formage d'un dispositif de fabrication de granulés combustibles ou de granulés alimentaires pour animaux

Publication

**EP 2594393 A1 20130522 (EN)**

Application

**EP 12178483 A 20120730**

Priority

PL 39705911 A 20111121

Abstract (en)

The forming head of the machine producing fuel or feed pellets containing a matrix plate with numerous forming tubes arranged concentrically relative to the drive shaft, whereby the matrix plate cooperates with the mechanism mounted on the drive shaft with crushing rollers ( 7 ) on bearings and equipped around the periphery with forming punches ( 8 ) that enter on roller rotation into the appropriate forming tubes of the matrix plate, is characterized in that each of the crushing rollers ( 7 ) has a conically shaped lateral surface and is firmly connected to the rotating mechanism ( 3 ), whereas the angle  $\pm$  of inclination of each of the crushing rollers ( 7 ) in relation to the surface of the matrix plate ( 2 ) ranges from 2.5 to 25°. The forming punches (8) of the matrix plate have a shaped work surface. ( 9 ).

IPC 8 full level

**B30B 11/22** (2006.01)

CPC (source: EP)

**B30B 11/228** (2013.01)

Citation (search report)

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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

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**EP 12178483 A 20120730**; PL 39705911 A 20111121