

Title (en)

Wood chipping machine with peripheral sieving and disintegration device and method for producing wood chips

Title (de)

Holzhackmaschine mit Umfangssieb und Zerkleinerungsvorrichtung und Verfahren zur Herstellung von Holzhackschnitzel

Title (fr)

Machine à former des copeaux de bois avec un dispositif périphérique de tamisage et de désintégration et méthode de production de copeaux

Publication

EP 2209556 B1 20130116 (EN)

Application

EP 08801388 A 20081010

Priority

- DK 2008000354 W 20081010
- EP 07019901 A 20071011
- EP 08801388 A 20081010

Abstract (en)

[origin: EP2047911A1] A wood chipping machine (1) is shown for disintegrating material (10), mainly biological material such as whole trees, branches and other forms of wooden material. The machine comprises a cutter disk (15) with one or more cutter knives (16) arranged with their cutting edges in a substantially radial plane of the disk. The cutter disk is arranged in a disk housing to be rotatable about its central axis and has a front side oriented towards a feed inlet (2) of the machine. Furthermore, the machine comprises a peripheral disintegration device (29,32-35,39-40) including one or more fixed parts that are stationary with respect to the disk housing, and one or more rotating parts that are arranged to rotate with the cutter disk during operation of the machine. The rotating parts and the fixed parts are arranged to interact with each other to sieve and disintegrate material passing towards the periphery of the disk housing.

IPC 8 full level

B02C 18/14 (2006.01); **B27L 11/02** (2006.01)

CPC (source: EP)

B02C 18/184 (2013.01); **B27L 11/002** (2013.01); **B27L 11/02** (2013.01); **B02C 2023/165** (2013.01)

Citation (examination)

US 5054703 A 19911008 - MOREY NORVAL [US]

Cited by

CN104884171A; CN109046712A; WO2014101400A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 2047911 A1 20090415; DK 2209556 T3 20130429; EP 2209556 A1 20100728; EP 2209556 B1 20130116; WO 2009046719 A1 20090416

DOCDB simple family (application)

EP 07019901 A 20071011; DK 08801388 T 20081010; DK 2008000354 W 20081010; EP 08801388 A 20081010