

Title (en)
Wood chipping machine with peripheral sieving and disintegration device

Title (de)
Holzhackmaschine mit peripherer Sieb- und Desintegrationsvorrichtung

Title (fr)
Machine de hachoir à bois avec tamis périphérique et dispositif de désagrégation

Publication
EP 2047911 A1 20090415 (EN)

Application
EP 07019901 A 20071011

Priority
EP 07019901 A 20071011

Abstract (en)
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
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CPC (source: EP)
B02C 18/184 (2013.01); **B27L 11/002** (2013.01); **B27L 11/02** (2013.01); **B02C 203/165** (2013.01)

Citation (search report)
• [XY] AT 361762 B 19810325 - BUCHMANN & CO
• [X] CH 625390 A5 19810930 - SCHERZ & CO MASCHINEN UND KRAF [AT]
• [AY] DE 8233879 U1 19850822
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