

Title (en)

DEVICE FOR COMMINUTING A CELLULOSE-CONTAINING FEEDSTOCK

Title (de)

VORRICHTUNG FÜR DIE ZERKLEINERUNG EINES ZELLULOSEHÄLTIGEN AUFGABEGUTES

Title (fr)

DISPOSITIF DE BROYAGE D'UN MATÉRIAU DE CHARGEMENT CONTENANT DE LA CELLULOSE

Publication

EP 2367975 A1 20110928 (DE)

Application

EP 09807591 A 20091221

Priority

- AT 2009000493 W 20091221
- AT 20122008 A 20081223

Abstract (en)

[origin: WO2010071911A1] A device for comminuting a cellulose-containing feedstock in wood processing, in particular in the production of pulp, paper and wood panels, with the aid of grinding discs (1) rotating in relation to one another a small distance apart as well as a feed screw (8) for transporting the feedstock to the grinding discs (1). According to the invention, it is provided here that at least one of the grinding discs (1) has in the axial direction a layer structure with at least one outer layer (10) and at least one carrier layer (11), the at least one outer layer (10) having a higher modulus of elasticity, and a higher density, than the at least one carrier layer (11).

IPC 8 full level

D21D 1/30 (2006.01)

CPC (source: EP)

D21D 1/306 (2013.01)

Citation (search report)

See references of WO 2010071911A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010071911 A1 20100701; AT 507724 A2 20100715; AT 507724 A3 20110115; AT 507724 B1 20110315; BR PI0923685 A2 20160119; CL 2011001541 A1 20111014; CN 102264980 A 20111130; EP 2367975 A1 20110928; EP 2367975 B1 20121121; RU 2011129071 A 20130127

DOCDB simple family (application)

AT 2009000493 W 20091221; AT 20122008 A 20081223; BR PI0923685 A 20091221; CL 2011001541 A 20110621; CN 200980152451 A 20091221; EP 09807591 A 20091221; RU 2011129071 A 20091221