

Title (en)

CURVED DELIMBING BLADE, USE OF SAME, CORRESPONDING DELIMBING HEAD AND CUTTING KIT

Title (de)

GEKRÜMMTE ENTASTUNGSKLINGE, VERWENDUNG DAVON, ENTSPRECHENDER ENTASTUNGSKOPF UND SCHNEID-KIT

Title (fr)

LAME COURBÉ D'ÉBRANCHAGE, SON UTILISATION, TÊTE D'ÉBRANCHAGE ET KIT DE COUPE CORRESPONDANTS

Publication

EP 3145291 A1 20170329 (FR)

Application

EP 15725841 A 20150511

Priority

- FR 1454476 A 20140519
- FR 2015051226 W 20150511

Abstract (en)

[origin: CA2947507A1] The invention relates to a curved blade (20) which includes a cutting edge (30), at least one portion of which includes a continuous flange (31) defining a continuous cutting edge, as well as at least one row of ribs (32), the longitudinal axes (Alg) of which are straight and parallel to one another, extending towards at least one surface of the cutting edge, from said continuous flange. The blade according to the invention makes it possible to reduce the forces required for cutting, compared with a non-ribbed curved blade, such as used in the prior art. Indeed, the continuous edge is connected to ribs that have the function of reducing the lateral load deflection of said continuous edge. Consequently, the flange and the edge can be sized, with no risk of breakage, such as to have a reduced contact surface with the shaft, which improves the cutting of the material.

IPC 8 full level

A01G 23/095 (2006.01)

CPC (source: EP RU US)

A01G 23/095 (2013.01 - EP RU US)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 3020917 A1 20151120; FR 3020917 B1 20160527; AU 2015263172 A1 20161124; AU 2015263172 B2 20190131; BR 112016026348 B1 20201103; CA 2947507 A1 20151126; EP 3145291 A1 20170329; RU 2016149502 A 20180620; RU 2016149502 A3 20181108; RU 2687204 C2 20190507; US 10736277 B2 20200811; US 2017164567 A1 20170615; WO 2015177432 A1 20151126

DOCDB simple family (application)

FR 1454476 A 20140519; AU 2015263172 A 20150511; BR 112016026348 A 20150511; CA 2947507 A 20150511; EP 15725841 A 20150511; FR 2015051226 W 20150511; RU 2016149502 A 20150511; US 201515309888 A 20150511