Title (en)

Severing machine for cutting logs or paper rolls into small rolls of lesser axial length, and related method

Title (de)

Abtrennmaschine zum Schneiden von Blöcken oder Papierrollen in kleine Rollen mit geringerer Achsenlänge und zugehöriges Verfahren

Title (fr)

Machine de découpage pour couper des bûches ou des rouleaux de papier en petites unités de longueur axiale réduite et procédé apparenté

Publication

EP 2145742 A1 20100120 (EN)

Application

EP 09425269 A 20090707

Priority

IT FI20080128 A 20080714

Abstract (en)

The severing machine comprises an electronic control (30), a feed system (5, 3) for feeding logs (L) to be cut and a cutting member (15). The feed system and the cutting member are controlled by the electronic control so as to subdivide each log into a plurality of small rolls (R). The electronic control is associated with a vision system (33), which detects at least one optically identifiable element on the log (L) so as to phase the cut relative to said optically identifiable element.

IPC 8 full level

B26D 3/20 (2006.01); **B26D 3/16** (2006.01); **B26D 5/20** (2006.01)

CPC (source: EP)

B26D 3/16 (2013.01); **B26D 5/20** (2013.01); B26D 2005/002 (2013.01)

Citation (applicant)

US 5799555 A 19980901 - BIAGIOTTI GUGLIELMO [IT]

Citation (search report)

[DA] US 5799555 A 19980901 - BIAGIOTTI GUGLIELMO [IT]

Cited by

CN111002353A; JP2015100461A; CN105682855A; ITUB20155344A1; CN111015825A; WO2017072602A1; WO2015079464A1; US10016869B2

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

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2145742 A1 20100120; **EP 2145742 B1 20110921**; AT E525179 T1 20111015; ES 2371715 T3 20120109; IT 1390716 B1 20110915; IT FI20080128 A1 20100115; PL 2145742 T3 20120229

DOCDB simple family (application)

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