

Title (en)
Device for crosscutting lengths of wood

Title (de)
Vorrichtung zum Quertrennen von länglichen Holzstücken

Title (fr)
Dispositif de tronçonnage de pièces de bois allongées

Publication
EP 1674221 B1 20131009 (EN)

Application
EP 04030431 A 20041222

Priority
EP 04030431 A 20041222

Abstract (en)
[origin: EP1674221A1] The invention concerns a device for crosscutting lengths of timber (15) that are transported at right angles in relation to their lengths of a type comprising a frame (1,3,4) supporting a number of from each other separate cutting and transport units (19) and arranged across the direction of transport of the lengths of wood (15), where each cutting and transport unit comprises an upper part (23) and a lower part (24), means of transport (21), which through relative interaction feeds the lengths of wood in the direction of transport between the upper and the lower parts, means of cutting (20) for cutting the passing lengths of timber. To improve the cutting precision, the means of transport (21) comprises a first and a second continuous running transport element (35,36) that are located one on the top of the other and running parallel with each other, that the first transport element (35) is pivot mounted on and supported by the upper part (23) and that the second transport element (36) is pivot mounted on and supported by the lower part (24), that the continuous running transport elements are positioned by the side of the active cutting part of the means of cutting (20) and that at least one of the transport elements (35,36) comprises an elastomeric friction material in which the lengths of wood are fed forward between the meeting parts (55,40) of the transport elements under the influence of the said friction material.

IPC 8 full level
B27B 5/22 (2006.01); **B27B 25/04** (2006.01)

CPC (source: EP)
B27B 5/228 (2013.01); **B27B 25/04** (2013.01)

Citation (examination)

- DE 4235240 A1 19940421 - DIMTER MASCHF GMBH [DE]
- DE 4026088 C1 19910620
- US 1464727 A 19230814 - RAWSON MYRON R
- US 2314605 A 19430323 - ARNOLD WILLIAM O

Cited by
US2016158958A1; CN108858472A; CN114102764A; CN108327014A; PL424987A1; JP2016531776A; EP2248643A1; WO2015024847A1

Designated contracting state (EPC)
AT DE EE FI

DOCDB simple family (publication)
EP 1674221 A1 20060628; EP 1674221 B1 20131009

DOCDB simple family (application)
EP 04030431 A 20041222