

Title (en)
Splitting machine for wood pieces

Title (de)
Holzspaltvorrichtung

Title (fr)
Machine à fendre des pièces en bois

Publication
EP 1712336 A1 20061018 (EN)

Application
EP 06396009 A 20060418

Priority
FI 20055170 A 20050414

Abstract (en)
A machine for splitting wood pieces comprises a splitting space (7) for the placement of a wood piece, a splitting head (3) arranged to move back and forth in the splitting space (7) and connected to an actuator, which is driven by pressurized medium and arranged to produce said movement, and a splitting blade (8) placed on the extension of the motion path of the splitting head (3) for splitting the wood piece (K). The splitting head (3) is connected to two actuators (1, 2) in parallel, and the working pressure of the pressurized medium is arranged to be coupled selectively to the actuators so that in the first coupling position, the actuators (1, 2) provide a higher total thrust force and a lower speed than in the second coupling position.

IPC 8 full level
B27L 7/00 (2006.01)

IPC 8 main group level
B27L (2006.01)

CPC (source: EP FI)
B27L 7/00 (2013.01 - EP FI)

Citation (search report)

- [XDA] CH 617384 A5 19800530 - MUELLER FREDY
- [XA] WO 2004022293 A1 20040318 - STARFORT DI STUBENRUSS PAUL [IT], et al
- [XA] DATABASE WPI Section PQ Derwent World Patents Index; Class P28, AN 1975-F7645W, XP002266180
- [X] DATABASE WPI Section PQ Derwent World Patents Index; Class P28, AN 1985-274615, XP002388927

Citation (third parties)
Third party :
US 3824896 A 19740723 - TULL H

Cited by
EP2264322A3; FR2932113A1; EP3056327A1; US10391668B2; EP2407287A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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EP 06396009 A 20060418; AT 06396009 T 20060418; DE 602006005975 T 20060418; ES 06396009 T 20060418; FI 20055170 A 20050414; NO 20061706 A 20060418; PL 06396009 T 20060418; SI 200630336 T 20060418