Title (en)
Method and device for cleaving a wooden block into quarters.

Title (de)
Verfahren zum Spalten eines Holzklotzes in Viertel und Vorrichtung zur Durchführung dieses Verfahrens.

Title (fr)
Procédé de fendage d'une bille de bois en quartiers et machine pour sa mise en oeuvre.

Publication
EP 0543693 B1 19950628 (FR)

Application
EP 92402960 A 19921102

Priority
FR 9114165 A 19911118

Abstract (en)
[origin: EP0543693A1] Method for splitting a log of wood, in which the log of wood (B) is held clamped at its ends, but so that it can pivot, by sets of two jaws having as their axis, its core, constituting its longitudinal axis of gravity, in the horizontal position, and is split, following the grain of the wood in the direction of its medullary rays into four, eight or twelve sections under the action of two opposite pairs of splitting tools designed to be able to pivot on themselves (10, 13) subjected to the thrust of respective thrust cylinders (12, 15), one pair of tools (10) for the initial operation of splitting into four being located substantially in a vertical plane and acting on one of the ends of the log of wood and the other pair (13) being located substantially in a horizontal plane and acting on the other end of this log, the splitting into eight or into twelve sections being produced with a chosen inclination of the plane of these pairs of tools, which are always set perpendicular with respect to one another. <IMAGE>

IPC 1-7
B27L 7/00

IPC 8 full level
B27L 7/00 (2006.01)

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

Cited by
RU203027U1; FR2731376A1

Designated contracting state (EPC)
AT BE CH DE DK ES GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0543693 A1 19930526; **EP 0543693 B1 19950628**; AT E124312 T1 19950715; AU 2836592 A 19930520; AU 658944 B2 19950504; DE 69203216 D1 19950803; DE 69203216 T2 19960201; ES 2073893 T3 19950816; FR 2683760 A1 19930521; FR 2683760 B1 19940107; HR P921304 A2 19950430; HU 9203603 D0 19930301; HU H3733 A 19950728; JP H05237814 A 19930917; SI 9200309 A 19930630; TW 211533 B 19930821; US 5287902 A 19940222; ZA 928763 B 19930610

DOCDB simple family (application)
EP 92402960 A 19921102; AT 92402960 T 19921102; AU 2836592 A 19921113; DE 69203216 T 19921102; ES 92402960 T 19921102; FR 9114165 A 19911118; HR P921304 A 19921118; HU 9203603 A 19921117; JP 33246692 A 19921118; SI 9200309 A 19921110; TW 81109227 A 19921118; US 97693792 A 19921117; ZA 928763 A 19921113