

Title (en)
COMMINUTING MACHINE FOR WOOD OR SIMILAR MATERIAL

Publication
EP 0394890 A3 19911211 (DE)

Application
EP 90107609 A 19900421

Priority
DE 3914086 A 19890428

Abstract (en)
[origin: EP0394890A2] In the comminuting machine, a movable cutter (9) is movable by means of a lifting and lowering device (10) at least approximately parallel to a stationary cutter (11) and is subjected to a force directed oppositely to the cutting pressure. Only one drive is required for the cutter (9), as a result of which the machine is constructed in a structurally simple and inexpensive manner. As a result of the cutters (9 and 11) being movable at low speed parallel to one another, the noise and dust emission is extremely small. The cutting pressure necessary for the cutting operation is applied by the lifting and lowering device (10). Since the material is detached in one shearing operation, the power consumption can be kept low. <IMAGE>

IPC 1-7
B27L 11/02

IPC 8 full level
B02C 1/00 (2006.01); **B02C 18/02** (2006.01); **B27L 11/00** (2006.01); **B27L 11/02** (2006.01)

CPC (source: EP US)
B27L 11/005 (2013.01 - EP US); **B27L 11/02** (2013.01 - EP US)

Citation (search report)
• [X] US 1538066 A 19250519 - STREET LOUIS H
• [X] GB 2065502 A 19810701 - TOKUKATSU S
• [X] US 4272032 A 19810609 - HELLBERG BENGT
• [Y] US 3977447 A 19760831 - PEASE LIONEL
• [A] DE 2065314 A1 19730503 - NICHOLSON MFG CO
• [XP] DE 8905388 U1 19890824

Cited by
US8734947B2; US8497019B2; US8758895B2; US8871346B2; US9005758B2; WO2011133865A1; US8158256B2; US8481160B2; US8507093B2; US9061286B2; US8496033B2; US8497020B2; US9604387B2

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

DOCDB simple family (publication)
EP 0394890 A2 19901031; **EP 0394890 A3 19911211**; DE 3914086 A1 19901031; JP H0312241 A 19910121; US 5029625 A 19910709

DOCDB simple family (application)
EP 90107609 A 19900421; DE 3914086 A 19890428; JP 11501990 A 19900427; US 51550090 A 19900427