

Title (en)
Chop saw linkage system.

Title (de)
Stangensystem für Kappsäge.

Title (fr)
Système à tiges pour une scie à tronçonner.

Publication
EP 0131376 A2 19850116 (EN)

Application
EP 84303810 A 19840606

Priority
• DE 8317153 U 19830611
• DE 8317154 U 19830611

Abstract (en)
A chop saw (90) pivotably mounted for movement between a raised rest position and a lowered operational position, having a motor driven saw-blade (32) rotatably supported about a shaft (28), with a saw housing (106) partially encasing the saw-blade (32) and a swinging blade guard (108) which covers the exposed segment of the saw-blade (32) when the saw (90) is in the rest position. When the saw (90) is lowered to its operational position, a linkage system comprising four effective levers and four hinges clears the blade guard (108), thereby exposing the saw blade (32) to the work piece. To accommodate changing the saw blade (32) while the saw-unit (90) is in its rest position, the effective length of one of the levers can be temporarily reduced, thereby clearing the blade guard (108) from the exposed section of the saw blade (32). This provides easy access to the saw-blade (32) to be changed.

IPC 1-7
B27G 19/02

IPC 8 full level
B23D 47/00 (2006.01); **B23D 45/04** (2006.01); **B23Q 11/08** (2006.01); **B27G 19/02** (2006.01); **F16P 3/02** (2006.01)

CPC (source: EP)
B27G 19/02 (2013.01)

Cited by
EP0450400A1; EP0633106A1; US5638731A; WO2009089862A1

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

DOCDB simple family (publication)
EP 0131376 A2 19850116; EP 0131376 A3 19851211; EP 0131376 B1 19890524; AT E43280 T1 19890615; AU 2931584 A 19841220; AU 560446 B2 19870409; BR 8402834 A 19850521; CA 1232512 A 19880209; DE 3478290 D1 19890629; JP H0543442 B2 19930701; JP S6071113 A 19850423

DOCDB simple family (application)
EP 84303810 A 19840606; AT 84303810 T 19840606; AU 2931584 A 19840608; BR 8402834 A 19840611; CA 456296 A 19840611; DE 3478290 T 19840606; JP 11836584 A 19840611