

Title (en)
Pivot bearing for a chop saw.

Title (de)
Schwenklager für eine Kappsäge.

Title (fr)
Palier à pivot pour une scie à tronçonner.

Publication
EP 0642896 A1 19950315 (EN)

Application
EP 94305871 A 19940808

Priority
GB 9316724 A 19930812

Abstract (en)
A saw (10) has a saw assembly (20) pivoted about pivot axis (28) to a pivot member (26). The pivot member is pivoted to a pivot block (27) about a bevel axis (92). The pivot block is fixed to a table (16) in a frame (12). Pivoting of the pivot member about axis (92) permits bevel cuts to be made in workpieces (now shown) supported on the table (16) against fence (17) when the assembly (20) (which includes a motor driven blade (36)) is pivoted down about the axis. Between the pivot block and pivot member is disposed a bearing plate (46) which serves several functions. It reduces friction and wear between the pivot block and member and the need for machining of those parts. It serves to hold resiliently the bevel pivot axis bearing surfaces (88, 90, 130, 132) in position. It provides index notches (61) to locate the bevel position of the pivot member relative to the pivot block. It provides a rack 50 for a bevel position indicating pinion (52) to engage. <IMAGE>

IPC 1-7
B27B 5/29; B27B 5/20

IPC 8 full level
B27B 5/20 (2006.01); **B27B 5/29** (2006.01)

CPC (source: EP)
B27B 5/206 (2013.01); **B27B 5/29** (2013.01)

Citation (search report)
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