

Title (en)

Guide bar for motorized chain saws having an oil groove along a bottom portion of the chain guide groove.

Title (de)

Führungsschiene für Motorkettensägen mit einem am Boden der Führungsmut ausgebildetem Schmiermittelkanal.

Title (fr)

Barre de guidage pour scies à chaîne motorisées ayant une rainure d'huile au fond de la rainure de guidage de la chaîne de sciage.

Publication

**EP 0654331 A3 19950920 (DE)**

Application

**EP 94115269 A 19940928**

Priority

AT 210293 A 19931019

Abstract (en)

[origin: EP0654331A2] The oil groove (lubricant channel) (10) formed on the bottom portion (31) of the chain guide groove (7,9), and the chain guide groove (9) may be constructed as one groove (7) which is subdivided by an insert floor (8,30) into the oil groove (10) and the chain guide groove (9), the insert floor (8) having outlet openings (12) for the lubricant. The insert floor (8) can, as a bar-shaped spring (20), be clamped between the two flanks of the groove (7) and connected, e.g. spot-welded, to the flanks. The groove (7) can be stepped and the insert floor (30) is able to rest on the step (29). The oil groove (10) can be formed by one or more insert pieces (33,34,35). The insert piece can be a pipe or flexible tube (32) with outlet openings (12). The insert piece can be a moulding (33) of metal or plastic containing the oil groove and may have a plurality of parts, and the insert floor or the insert piece can be interrupted, the interruptions forming the outlet openings. The oil groove (37) can be incorporated in the guide bar, an insert piece (38) or insert floor (43) inserted and thereabove the flanks (39) with the chain guide groove (40) subsequently formed. <IMAGE>

IPC 1-7

**B27B 17/12**; **B27B 17/08**

IPC 8 full level

**B27B 17/02** (2006.01); **B27B 17/08** (2006.01); **B27B 17/12** (2006.01)

CPC (source: EP)

**B27B 17/08** (2013.01); **B27B 17/12** (2013.01)

Citation (search report)

- [XA] US 3185191 A 19650525 - OLSEN EMIL A
- [X] US 3578779 A 19710518 - ISHIZAKI KAN
- [XA] US 2913020 A 19591117 - NIELSEN ERICK R
- [X] US 2888964 A 19590602 - WILLIAM MALL ARTHUR

Cited by

AT403674B

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

**EP 0654331 A2 19950524**; **EP 0654331 A3 19950920**; AT 401251 B 19960725; AT A210293 A 19951215; CZ 252694 A3 19960313; CZ 281110 B6 19960612; PL 175838 B1 19990226; PL 305483 A1 19950502; SK 126494 A3 19950510; SK 278806 B6 19980304

DOCDB simple family (application)

**EP 94115269 A 19940928**; AT 210293 A 19931019; CZ 252694 A 19941013; PL 30548394 A 19941017; SK 126494 A 19941018