

Title (en)
CORD PROTECTOR FOR POWER TOOLS

Title (de)
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Title (fr)
ÉLÉMENT DE PROTECTION DE CORDON POUR DES OUTILS ÉLECTRIQUES

Publication
EP 2301119 A4 20130109 (EN)

Application
EP 09774227 A 20090629

Priority

- US 2009049032 W 20090629
- US 16458408 A 20080630
- US 16462108 A 20080630
- US 16465008 A 20080630

Abstract (en)
[origin: WO2010002776A2] A power tool having a housing, a motor disposed in the housing, a power cord connected to the motor, and a cord protector operably engaging the power cord for movement therewith. The cord protector can comprise at least one elastically-deformable biasing member engaging the power cord and exerting a biasing force upon the power cord in response to a load being applied to the power cord and recovering to an initial position in response to removal of the load.

IPC 8 full level
H01R 39/00 (2006.01); **B25F 5/02** (2006.01); **H01R 4/48** (2006.01); **H01R 13/447** (2006.01); **H01R 13/46** (2006.01)

CPC (source: EP)
B25F 5/02 (2013.01); **H01R 13/5833** (2013.01)

Citation (search report)

- [X] DE 4344635 A1 19950810 - BOSCH GMBH ROBERT [DE]
- [XI] US 6152639 A 20001128 - HSU HUNG-MING [TW]
- [X] US 2496612 A 19500207 - WILHIDE GLENN C
- [A] US 5711055 A 19980127 - QUICK TODD N [US]
- [A] US 4323725 A 19820406 - MUELLER THOMAS
- [A] US 2727088 A 19551213 - LA WALL GEORGE R
- [A] EP 1312510 A1 20030521 - YAZAKI CORP [JP]
- See references of WO 2010002776A2

Cited by
EP4102675A1; US11394136B2; US11027406B2; WO2022258670A1

Designated contracting state (EPC)
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