

Title (en)
Extension cord retention system

Title (de)
Halterungssystem für eine Verlängerungsschnur

Title (fr)
Système de rétention pour un cordon d'extension

Publication
EP 1344608 A1 20030917 (EN)

Application
EP 02028163 A 20021219

Priority
US 9645802 A 20020312

Abstract (en)
A power cord retaining system (20) for use with a power tool (10) configured for accommodating an extension cord (12) includes a cord capture formation (22) for retaining the extension cord (12) disposed on the tool (10), and a cord channel (24) disposed on the tool and configured for supporting a loop (30) of the cord substantially along an arc defined by the loop. In the preferred embodiment, the cord capture formation (22) defines an enclosed aperture (34) for retaining the cord at two points (26,28), defining a cord loop (30) therebetween, and the cord channel (24) defines a semi-circular arc for supporting the cord loop (30) substantially along its apex (32). A cord lock (60) is preferably formed in association with the cord channel (24) for releasably locking the cord (12) in the channel (24) and preventing unwanted cord release. <IMAGE>

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IPC 8 full level
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B25F 5/00 (2013.01 - EP US); **H01R 13/6392** (2013.01 - EP US); **H01R 13/5833** (2013.01 - EP US); **H01R 13/60** (2013.01 - EP US)

Citation (search report)

- [XY] US 4875879 A 19891024 - BUNYEA RODERICK F [US], et al
- [XAY] EP 0600736 A1 19940608 - MCCULLOCH CORP [US]
- [A] US 5644844 A 19970708 - PINK ANTHONY N [US]
- [A] EP 0712598 A1 19960522 - BLACK & DECKER INC [US]
- [A] EP 0893621 A1 19990127 - MC CULLOCH NORTH AMERICA INC [US]

Designated contracting state (EPC)
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