

## Title (en)

Power tools attachable to removable or fixed power cords

## Title (de)

Elektrowerkzeuge die an feste oder abnehmbare Stromleitungen angeschlossen sind

## Title (fr)

Outils électriques attachables à des cordons d'alimentation fixes ou amovibles

## Publication

**EP 1304769 A3 20040107 (EN)**

## Application

**EP 02023212 A 20021016**

## Priority

JP 2001319277 A 20011017

## Abstract (en)

[origin: EP1304769A2] A power tool (10) may include a motor (11) accommodated within a housing (12). An adapter (32) may be attached to the housing. A connector fitting portion or insert (34) may be defined in a projecting portion of the adapter and the projecting portion may extend from the housing. A power cord (61) may be removably connected to the connector fitting portion. The power cord may include a cord fitting portion or plug (62), which fits into the connector fitting portion. By inserting the cord fitting portion into the connector fitting portion, the power cord can be removably connected to the connector fitting portion. The motor may be electrically connected to a commercial power source by connecting one end of the power cord to the connector fitting portion and by connecting the other end of the power cord to the commercial power source. <IMAGE>

## IPC 1-7

**H01R 13/627**; **H01R 27/00**; **H01R 13/58**

## IPC 8 full level

**B25F 5/00** (2006.01); **B25F 5/02** (2006.01); **H01R 13/58** (2006.01); **H01R 13/627** (2006.01); **H01R 27/00** (2006.01)

## CPC (source: EP US)

**H01R 13/582** (2013.01 - EP US); **H01R 13/6271** (2013.01 - EP US); **H01R 27/00** (2013.01 - EP US)

## Citation (search report)

- [Y] US 3938873 A 19760217 - KIMBALL JAMES F
- [Y] GB 2356496 A 20010523 - MILWAUKEE ELECTRIC TOOL CORP [US]
- [A] US 4641899 A 19870210 - GALLUSSER DAVID O [US], et al
- [A] GB 1459138 A 19761222 - BLACK & DECKER MFG CO
- [A] EP 0124389 A1 19841107 - BENDIX CORP [US] & US 6368133 B1 20020409 - ZEILER JEFFREY M [US], et al

## Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

## DOCDB simple family (publication)

**EP 1304769 A2 20030423**; **EP 1304769 A3 20040107**; **EP 1304769 B1 20081210**; DE 60230225 D1 20090122; JP 2003117855 A 20030423; JP 3830799 B2 20061011; US 2003070822 A1 20030417

## DOCDB simple family (application)

**EP 02023212 A 20021016**; DE 60230225 T 20021016; JP 2001319277 A 20011017; US 27035802 A 20021015