

Title (en)

STATION FOR RECHARGING AND AUTOMATIC IDENTIFICATION OF PLURAL TYPES OF BATTERIES

Title (de)

LADESTATION FÜR NICKEL-CADMIUM-, NICKEL-METALL-HYBRID- UND ANDERE IN TRAGBAREN ELEKTRISCHEN WERKZEUGEN BENUTZTE BATTERIETYPEN MIT AUTOMATISCHER IDENTIFIKATION

Title (fr)

POSTE DE RECHARGE DE BATTERIES AVEC IDENTIFICATION AUTOMATIQUE DU TYPE

Publication

**EP 1075725 A1 20010214 (EN)**

Application

**EP 98923052 A 19980520**

Priority

- IT 9800126 W 19980520
- IT MI980929 A 19980430

Abstract (en)

[origin: WO9957794A1] Station (10) for recharging the batteries (70-72) used in portable electric tools, having one or more slots (31) each comprising a cavity (34), flush with the upper surface (32) of the station (10), for couplings (73) on the batteries (70-72), means consisting of electric contacts for said couplings and of microswitches inside the cavities (34) close to the electric contacts, manually operated keys, electronic cards with a microprocessor for identification of a battery's specific technology and of the rated voltage of the batteries (70-72) especially those of nickel-cadmium (70) and of nickel-metal-hydride (72) and for implementation, including a check on all necessary parameters, of optimum sequences of discharge, recharge and maintenance, specific to the technology of the battery (70-72) connected up.

IPC 1-7

**H02J 7/00**

IPC 8 full level

**H02J 7/00** (2006.01)

CPC (source: EP US)

**B60L 53/80** (2019.01 - EP); **H02J 7/00038** (2020.01 - EP); **H02J 7/00047** (2020.01 - EP US); **H02J 7/0013** (2013.01 - EP US); **H02J 7/0045** (2013.01 - EP US); **H02J 2310/22** (2020.01 - EP US); **Y02T 10/70** (2013.01 - EP); **Y02T 10/7072** (2013.01 - EP)

Citation (search report)

See references of WO 9957794A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE LI LU NL PT SE

DOCDB simple family (publication)

**WO 9957794 A1 19991111**; AU 7547798 A 19991123; EP 1075725 A1 20010214; IT 1305609 B1 20010509; IT MI980929 A1 19980730; TW 412877 B 20001121

DOCDB simple family (application)

**IT 9800126 W 19980520**; AU 7547798 A 19980520; EP 98923052 A 19980520; IT MI980929 A 19980430; TW 87108137 A 19980526