

Title (en)

A kit for converting a battery-powered automatic towel dispenser to solar power

Title (de)

Kit zur Umwandlung eines batteriebetriebenen automatischen Handtuchspenders auf Solarenergie

Title (fr)

Kit de transformation d'un distributeur de serviettes automatique alimenté par batterie à énergie solaire

Publication

EP 3064115 A1 20160907 (EN)

Application

EP 15157198 A 20150302

Priority

EP 15157198 A 20150302

Abstract (en)

A kit 10 for converting a battery-powered automatic towel dispenser of the type described into a solar-powered automatic towel dispenser 100 for use in an indoor lit area, the kit 10 comprising a battery pack 16 for fitting into a battery compartment 26 of the towel dispenser 100, the battery pack 16 including a rechargeable nickel-metal hydride (Ni-MH) low self-discharge (LSD) battery having positive and negative connection areas at the respective ends for connection with connectors in the battery compartment; at least one tuned amorphous silicon solar panel or at least one dye-sensitised solar cell panel 14, the at least one panel 14 being mounted to a support structure 12; and cable connection means 22, 24 linking the tuned amorphous silicon solar panel or the dye-sensitised solar cell panel 14 to the Ni-MH LSD battery in the battery pack 16.

IPC 8 full level

A47K 10/24 (2006.01)

CPC (source: EP)

A47K 10/36 (2013.01)

Citation (applicant)

- US 6412679 B2 20020702 - FORMON JOHN S [US], et al
- WO 2009082294 A1 20090702 - SCA HYGIENE PROD AB [SE], et al

Citation (search report)

- [A] WO 9729671 A1 19970821 - MOSINEE PAPER CORP [US]
- [E] WO 2015028816 A1 20150305 - BLICK VIVIAN [GB]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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