

Title (en)

Electrical device for a portable electronic device

Title (de)

Ladegerät für ein tragbares elektronisches Gerät

Title (fr)

Dispositif chargeur pour dispositif électronique portable

Publication

**EP 2451027 B1 20130417 (EN)**

Application

**EP 11165255 A 20101026**

Priority

- EP 11165255 A 20101026
- EP 10188878 A 20101026

Abstract (en)

[origin: EP2448073A1] A charger unit includes: a housing, prongs for engaging an electrical outlet, the prongs being coupled to one another by a cross-member and being movable relative to the housing between a retracted position in which the prongs are received in the housing and an extended position in which the prongs protrude from the housing, the prongs being biased toward the extended position, a locking arm comprising a first end, a cut out for receiving the cross-member when the prongs are in the retracted position and a second end for abutting the cross-member when the prongs are in the extended position, the first end of the locking arm being coupled to a carriage and the cutout being provided between the first end and the second end, the locking arm being movable by the carriage into and out of engagement with the cross-member and the locking arm being biased toward the passage and electrical components for electrically communicating with a portable electronic device to enable charging of a power pack of the portable electronic device.

IPC 8 full level

**H01R 27/00** (2006.01); **H01R 13/66** (2006.01)

CPC (source: EP)

**H01R 13/665** (2013.01); **H01R 27/00** (2013.01)

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

DOCDB simple family (publication)

**EP 2448073 A1 20120502**; EP 2451027 A1 20120509; EP 2451027 B1 20130417

DOCDB simple family (application)

**EP 10188878 A 20101026**; EP 11165255 A 20101026