

Title (en)
Electrical connector.

Title (de)
Elektrischer Steckverbinder

Title (fr)
Connecteur électrique

Publication
EP 2811590 A1 20141210 (EN)

Application
EP 13170615 A 20130605

Priority
EP 13170615 A 20130605

Abstract (en)
An electrical connector includes a casing, touch unit, processing module, light source unit, and connection unit. The casing has a receiving portion for receiving the processing module and the light source unit. The touch unit is disposed above the casing and adapted to be touched by a user to thereby generate a triggering signal. The processing module receives the triggering signal and outputs a current. The light source unit and the processing module are connected. The current drives the light source unit, such that the light source unit emits a light beam to be conveyed to the electronic device by the casing and the touch unit. The connection unit is connected to an electronic device for receiving a current and data from the electronic device. The electrical connector enables the electronic device to be illuminated, such that a user can connect the electrical connector to the electronic device easily.

IPC 8 full level
H01R 13/70 (2006.01); **H01R 13/717** (2006.01); **H01R 31/06** (2006.01)

CPC (source: EP)
H01R 13/701 (2013.01); **H01R 13/7175** (2013.01); **H01R 31/065** (2013.01)

Citation (search report)
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DE102018002124A1

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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DOCDB simple family (application)
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