

Title (en)

Accessory with connector for electrical and optical data circuits

Title (de)

Zubehör mit Steckanschluss für elektrische und optische Datensaltungen

Title (fr)

Accessoire à connecteur pour circuits de données électriques et optiques

Publication

EP 2453279 A9 20121121 (EN)

Application

EP 11188881 A 20111111

Priority

US 41312810 P 20101112

Abstract (en)

[origin: EP2453279A1] An electronic accessory (300) connectable to a remote electronic device through a data interface. The electronic accessory includes an electronic circuit (320) configured to exchange data through a data interface and an optical and electrical circuit connector (106). The optical and electrical circuit connector includes a connector body (106) configured to engage a corresponding connector (104), at least one optical terminal (130, 131, 133, 135) for the data interface coupled to the connector body, and at least one electrical data interface terminal (182) for the data interface coupled to the connector body. In one embodiment an inner (550) and an outer conductive ring (552) conduct electrical power.

IPC 8 full level

G02B 6/42 (2006.01)

CPC (source: EP US)

G02B 6/4292 (2013.01 - EP US); **G02B 6/3817** (2013.01 - EP US); **G02B 6/3886** (2013.01 - EP US); **G02B 6/4204** (2013.01 - EP US); **G02B 6/4249** (2013.01 - EP US)

Cited by

IT201700017175A1; US9423577B2

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)

EP 2453279 A1 20120516; **EP 2453279 A9 20121121**; CA 2757774 A1 20120512; US 2012177322 A1 20120712

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