

Title (en)

Assembly with circuit board, connector and ferrite core

Title (de)

Anordnung mit Leiterplatte, Steckverbinder und Ferritkern

Title (fr)

Agencement doté d'une plaquette, d'un connecteur enfichable et d'un noyau en ferrite

Publication

EP 2120295 A3 20120704 (DE)

Application

EP 09005274 A 20090411

Priority

DE 102008023715 A 20080515

Abstract (en)

[origin: EP2120295A2] The circuit has a plug-in connector (2), and a plastic molded body (30) exposing a set of contact devices of line elements (20a-20d). Adjacent sections (26a-26d) of the line elements are surrounded by a magnetic core (4) in a recess of the plastic molded body. The magnetic core is directly attached to the sections of the line elements. Another set of contact devices (22a-22d) are electrically connected with a third set of contact devices of a printed circuit board. The contact devices form a male connector or a plug-in sleeve.

IPC 1-7

H01R 12/20

CPC (source: EP)

H01R 12/724 (2013.01); **H01R 13/7197** (2013.01)

Citation (search report)

- [X] US 2002094725 A1 20020718 - ASAO KAZUHIRO [US]
- [X] EP 0663705 A2 19950719 - MOLEX INC [US]
- [X] US 5224878 A 19930706 - LURIE GEORGE R [US], et al

Cited by

WO2013150103A1

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2120295 A2 20091118; EP 2120295 A3 20120704; EP 2120295 B1 20150819; DE 102008023715 A1 20091203

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