

Title (en)
Flexible board electrical connector

Title (de)
Steckverbinder für flexible Leiterplatten

Title (fr)
Connecteur électrique pour circuit imprimé flexible

Publication
EP 2075877 A3 20101201 (DE)

Application
EP 08022141 A 20081219

Priority
DE 102007063217 A 20071231

Abstract (en)
[origin: EP2075877A2] The connector (10) has a contact carrier (11) carrying contacts (16), and a pressing unit i.e. cover (13), made of metal and supported on the contact carrier. A cover bearing unit allows a movement of the pressing unit between a printed circuit board accommodating position and a cover locking position. The pressing unit presses the contacts against a printed circuit board and contact points against the contacts into the cover locking position. The pressing unit comprises a flaring geometry i.e. pressure guide (21), and a cover locking unit (3) locks the cover in a locking position.

IPC 8 full level
H01R 12/62 (2011.01); **H01R 12/79** (2011.01)

CPC (source: EP)
H01R 12/79 (2013.01); **H01R 12/89** (2013.01); **H01R 12/774** (2013.01)

Citation (search report)

- [XY] US 2002115340 A1 20020822 - YAMANE HIROSHI [JP]
- [XY] US 2003220013 A1 20031127 - LEE IPSON [TW]
- [Y] US 6619979 B1 20030916 - YU-FENG YEN [TW]
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Cited by
CN117706133A; AT18163U1; EP2498341A1; CN115347418A; EP2621023A1; DE202018107195U1; US8939790B2; EP3671966A1; DE102018132405A1; WO2022218749A3

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2075877 A2 20090701; **EP 2075877 A3 20101201**; DE 102007063217 A1 20090702

DOCDB simple family (application)
EP 08022141 A 20081219; DE 102007063217 A 20071231