

Title (en)

ELECTRICAL CONNECTOR WITH MECHANICAL INTERLOCK

Publication

**EP 0593981 A3 19961009 (DE)**

Application

**EP 93116202 A 19931007**

Priority

DE 4235271 A 19921020

Abstract (en)

[origin: EP0593981A2] An electric connector (1) comprises a U-shaped catch spring (28) which can be released by means of a button (10) for interlocking with a mating connector (7). To be able to make the catch spring (28) in such a way that it is of a simple and strong design, it is positively connected to the button (10), and the interlocking sections (34) of the catch spring (28) are guided displaceably in the housing (2), so that a releasing of the catch engagement is possible without spreading or otherwise bending the catch spring (28). <IMAGE>

IPC 1-7

**H01R 13/627**

IPC 8 full level

**H01R 13/627** (2006.01)

CPC (source: EP)

**H01R 13/627** (2013.01)

Citation (search report)

- [A] EP 0477779 A1 19920401 - DAUT & RIETZ TRW [DE]
- [A] DE 3804107 A1 19890824 - DAUT & RIETZ TRW [DE]
- [AD] DE 3725261 A1 19890209 - DAUT & RIETZ TRW [DE]

Cited by

EP1006380A1; EP2053702A2; WO2007047203A3

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**DE 4235271 C1 19930930**; EP 0593981 A2 19940427; EP 0593981 A3 19961009

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**DE 4235271 A 19921020**; EP 93116202 A 19931007