

Title (en)  
Detachable electrical connector.

Title (de)  
Lösbarer elektrischer Steckverbinder.

Title (fr)  
Connecteur électrique détachable.

Publication  
**EP 0228859 A2 19870715 (EN)**

Application  
**EP 86309789 A 19861216**

Priority  
JP 19232785 U 19851216

Abstract (en)  
An electrical connector includes detachable male and female connector members (10, 20). The male connector portion (10) includes two rows of electrical contacts (12, 13) at the bottom surface thereof. The female member (20) defines a cavity (21) for receipt of the male connector member (10). A pair of shoulders (40) are disposed at opposite ends of the cavity (21), the shoulders (40) serving as a stop surface. Located at the bottom of the cavity (21) there are two rows of electrical spring contacts (22A, 23A) in the female connector member (20), the free ends of the spring contacts (22A, 23A) being higher than the shoulders (40) such that upon insertion of the male connector member (10), electrical interconnection is established between the respective contacts (12, 13; 22A, 23A) of the male and female members (10, 20) before the male member (10) strikes the shoulders (40). A pivot region is provided for pivoting the male member (10) in the cavity (21) to a latched position for securing the male and female members (10, 20) together.

IPC 1-7  
**H01R 23/70**

IPC 8 full level  
**H01R 13/639** (2006.01); **H01R 13/187** (2006.01); **H01R 13/24** (2006.01); **H01R 24/00** (2006.01)

CPC (source: EP)  
**H01R 12/7058** (2013.01); **H01R 12/722** (2013.01)

Cited by  
EP3386035A1; DE102017107142A1; WO9524062A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0228859 A2 19870715**; **EP 0228859 A3 19880921**; JP S62100684 U 19870626

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