

Title (en)  
COUPLING WITH SAFETY DEVICE

Publication  
**EP 0163768 A3 19870318 (DE)**

Application  
**EP 84113914 A 19841116**

Priority  
DE 3407446 A 19840229

Abstract (en)  
[origin: US4603933A] A plug coupling provides plug protection for the prevention of undesired separation of pin and socket parts in order to avoid transmission outages. In data technology, for example, it must be assured that connections produced outside of the apparatus cannot separate due to external influences. To this end, a plug coupling comprises a holder designed as a U-shaped part with a cross part at its lower end having inwardly bent tabs, the part embracing one of the connector parts and having a locking screw in the base of the U. A shackle is pivotally connected to the U-shaped part for embracing the other plug part. The shackle is also a U-shaped part and has a locking screw in the base of its U. A pair of hooks, one for each side, engage in respective bores of the U-shaped shackle and the U-shaped holder.

IPC 1-7  
**H01R 13/639**

IPC 8 full level  
**H01R 13/639** (2006.01)

CPC (source: EP US)  
**H01R 13/6392** (2013.01 - EP US)

Citation (search report)  
• [A] DE 2210139 A1 19730906 - BUNKER RAMO  
• [A] DE 1943383 A1 19700305 - INT STANDARD ELECTRIC CORP  
• [A] US 3097034 A 19630709 - JAMROSY BERNARD V

Designated contracting state (EPC)  
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**DE 3407446 A1 19850829; DE 3407446 C2 19880804;** EP 0163768 A2 19851211; EP 0163768 A3 19870318; JP H027148 B2 19900215; JP S60207274 A 19851018; US 4603933 A 19860805

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