

Title (en)
CONNECTOR CATCHING DEVICE

Publication
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Application
EP 86114501 A 19861020

Priority
DE 3538630 A 19851030

Abstract (en)
[origin: US4722698A] A capture facilitating device is provided for a subminiature plug connector assembly comprising a plug connector and a socket connector each having a protective collar attached perpendicularly to a mounting plate and each provided at a free end with a beveled edge. The frame of the capture facilitating device has a plurality of plate-shaped resilient support elements each attached at one end to the frame and provided at an opposite end with respective wedge-shaped capturing elements. The capturing elements overlap respective portions of the beveled edge of the protective collar of the plug connector in an assembled state of the plug connector and the capture facilitating device. The frame of the capture facilitating device is braced against the mounting plate of the plug connector by means of a pair of bell-shaped leaf springs attached to the frame of the capture facilitating device and engaging the mounting plate of the plug connector. The resiliently mounted wedge-shaped capturing elements serve to guide the socket connector collar into the plug connector collar during an insertion operation and increase the capturing range of the subminiature plug connector assembly.

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H01R 23/72

IPC 8 full level
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