

Title (en)

Lever actuated electrical connector

Title (de)

Hebelbetätigter elektrischer Verbinder

Title (fr)

Connecteur électrique commandé par un levier

Publication

EP 1037326 A2 20000920 (EN)

Application

EP 00104909 A 20000308

Priority

- EP 00104909 A 20000308
- EP 99104551 A 19990308

Abstract (en)

An electrical connector comprising an actuating lever for mating the electrical connector with a complementary connector, the actuating lever including a deflectable lever leg with a pivot hole therethrough; and a connector housing having a wall with a pivot pin extending therefrom and being receivable within the hole of the lever leg to establish a pivot for the actuating lever; characterised in that: guide members and cams aligned with the pivot pin are included as part of the connector housing; and guide surfaces and camming surface on the actuating lever that are complementary to the respective guide members and cams of the connector housing such that the hole is aligned with the pin and an end of the leg is deflected over the pin, the lever further including a relief feature so that the lever can be operated once the pivot pin is received in the hole. <IMAGE>

IPC 1-7

H01R 13/629

IPC 8 full level

H01R 13/629 (2006.01)

CPC (source: EP)

H01R 13/62944 (2013.01)

Cited by

DE102006061758B4; DE10301659B4; EP1296416A1; FR2830133A1; KR20030026231A; EP1973203A3; DE102004061531A1; EP2658041A4; US6705882B2; US9203186B2

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