

Title (en)

CONNECTOR ARRANGEMENT WITH TOOTHED RACK LEVER

Publication

EP 0273999 B1 19930929 (DE)

Application

EP 87104687 A 19870330

Priority

DE 8700210 U 19870105

Abstract (en)

[origin: EP0273999A2] A connector arrangement with a plug housing (13) and a socket housing (11), particularly a fixed mounted socket housing, one of which contains plug contact elements and the other socket contact elements, on one (11) of the two housings there being arranged at least one toothed rod (15, 51) which can move at right angles to the direction of insertion and engages with a pinion region (61) of a pivoting operating lever (21), which is pivoted such that it can rotate about the pinion axis between an open position and a closed position, the toothed rod (15, 51) is provided with at least one cranked slot (23) which runs in a plane parallel to the direction of insertion but essentially obliquely with respect to the direction of insertion and is open on the side of the toothed rod (15, 51) facing the other housing (13), and at least one cam projection (29) is provided on the other housing (13), which cam engages in the cranked slot (23) when the two housings (11, 13) are connected together. <IMAGE>

IPC 1-7

H01R 13/629

IPC 8 full level

H01R 13/629 (2006.01)

CPC (source: EP)

H01R 13/62977 (2013.01); **H01R 13/62911** (2013.01); **H01R 13/62927** (2013.01); **H01R 13/62944** (2013.01)

Cited by

EP3252881A1; WO2017207506A1; US6960090B2; US5474463A; ITUB20169989A1; DE19938930C1; CN116826447A; EP0653812A1; DE10253190A1; DE10332894B4; KR20030026231A; AU694499B2; EP0722203A1; US5681175A; CN108695646A; GB2300767A; GB2300767B; CN103022809A; GB2239991A; US5110301A; GB2239991B; EP1137120A3; EP0674362A1; FR2717627A1; US5873745A; DE10019825B4; EP1396910A1; EP0556762A1; US5322448A; EP0991145A3; GB2300078A; GB2300078B; US5391086A; EP0587174A3; CN1098547C; US11193609B2; US6325647B1; US6705882B2; WO2005013423A3; WO9632761A1; WO2019212771A1; WO9740553A1; US6375481B2; US11215306B2; US6767250B2; US11473705B2; US11131412B2; US11313504B2; US11796103B2; US10774508B2; US11306463B2; US7695296B1; US11162621B2; US11668416B2; EP2139076A1; DE102008002592A1; US10677381B2; US11396964B2; US11435015B2; US7410374B2; US10941887B2; US11199280B2; US11396965B2; US11906082B2

Designated contracting state (EPC)

AT BE DE ES FR GB IT NL SE

DOCDB simple family (publication)

EP 0273999 A2 19880713; EP 0273999 A3 19891206; EP 0273999 B1 19930929; AT E95344 T1 19931015; DE 3787636 D1 19931104; DE 8700210 U1 19870702; ES 2043613 T3 19940101

DOCDB simple family (application)

EP 87104687 A 19870330; AT 87104687 T 19870330; DE 3787636 T 19870330; DE 8700210 U 19870105; ES 87104687 T 19870330