

Title (en)
Cable connector

Title (de)
Kabelverbinder

Title (fr)
Connecteur pour câble

Publication
EP 1011173 A3 20001108 (EN)

Application
EP 99124728 A 19991213

Priority
JP 37590498 A 19981218

Abstract (en)
[origin: EP1011173A2] Disclosed is a cable connector comprising an insulating housing having two or more parallel-piled, lateral arrangements of terminal cavities, each terminal cavity containing a terminal, which is connected to the core conductor of a selected insulated wire in a wire cable. The terminal has a crimping barrel formed on its root side for pinching the end of the selected insulated wire, and a hollow socket formed on its tip end for receiving a selected pin terminal in a counter cable connector. The hollow socket has lances projecting from the opposite side walls and diverging toward the root of the terminal. Each terminal cavity has catch recesses formed on the opposite side walls confronting the opposite lanced-side walls of the terminal when inserted in a selected terminal cavity. The terminals each having the core conductor crimped thereto by the crimping barrel are inserted in the terminal cavities until the lances have been caught by the catch recesses, thereby preventing the pulling-off of the wire cable from the cable connector. <IMAGE>

IPC 1-7
H01R 13/42; **H01R 13/432**; **H01R 13/424**

IPC 8 full level
H01R 13/428 (2006.01); **H01R 13/432** (2006.01)

CPC (source: EP KR)
H01R 4/18 (2013.01 - KR); **H01R 13/428** (2013.01 - KR); **H01R 13/432** (2013.01 - EP KR); **H01R 13/62** (2013.01 - KR)

Citation (search report)
• [XA] EP 0638959 A2 19950215 - MOLEX INC [US]
• [A] FR 2461376 A1 19810130 - ALSTHOM CGEE
• [A] EP 0568927 A1 19931110 - WHITAKER CORP [US]
• [A] US 4015891 A 19770405 - PEMBERTON DONALD STUART
• [A] US 2689337 A 19540914 - BURTT HORATIO H, et al

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1011173 A2 20000621; **EP 1011173 A3 20001108**; JP 2000182707 A 20000630; KR 200183187 Y1 20000515; TW 433667 U 20010501

DOCDB simple family (application)
EP 99124728 A 19991213; JP 37590498 A 19981218; KR 19990028530 U 19991217; TW 88220660 U 19991203