

Title (en)  
ELECTRICAL CONNECTOR, ESPECIALLY A SEALED CONNECTOR IMMERSSED IN A LIQUID

Publication  
**EP 0223697 B1 19890802 (FR)**

Application  
**EP 86402487 A 19861107**

Priority  
FR 8516573 A 19851108

Abstract (en)  
[origin: US4767356A] An electrical connector comprises two mechanically couplable elements to cause electrical contacts positioned in these elements, to cooperate in pairs. At least one of the elements comprises an insulating body pierced with longitudinal housings shielding the contacts and itself retained and shielded, at least in part, in an outer casing. Clamping means for the element to a cable joined electrically to the contacts comprise: a collar engirdling the outer sheath of the cable and two diametrically opposite radial projections. Two half-clamps surround the rear end of the insulating body and the neighboring zone of the cable including the collar, each projection being engaged in two respective inner recesses of the two half-clamps. Axial connecting means and means for fastening in rotation are provided between the insulating body and the half-clamps as well as assembly means for the half-clamps.

IPC 1-7  
**H01R 13/523**; **H01R 13/58**

IPC 8 full level  
**H01R 13/533** (2006.01); **H01R 13/523** (2006.01); **H01R 13/58** (2006.01)

CPC (source: EP US)  
**H01R 13/523** (2013.01 - EP US); **H01R 13/58** (2013.01 - EP US)

Cited by  
FR2621181A1; US6007370A; EP0730322A1; FR2639480A1; EP1258953A3; WO9707566A1; EP2731202A1; WO2014076333A1; US9343838B2

Designated contracting state (EPC)  
DE ES GB IT NL SE

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**EP 0223697 A1 19870527**; **EP 0223697 B1 19890802**; DE 3664849 D1 19890907; ES 2009797 B3 19891016; FR 2590084 A1 19870515; FR 2590084 B1 19871120; JP H0325909 B2 19910409; JP S62180971 A 19870808; NO 166156 B 19910225; NO 166156 C 19910605; NO 864431 D0 19861106; NO 864431 L 19870511; US 4767356 A 19880830

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