

Title (en)

Waterproof electric connector.

Title (de)

Wasserdichter elektrischer Verbinder.

Title (fr)

Connecteur électrique étanche à l'eau.

Publication

**EP 0335721 A2 19891004 (EN)**

Application

**EP 89303160 A 19890330**

Priority

JP 4344588 U 19880331

Abstract (en)

Disclosed is an improved waterproof electric connector structure which uses a rubber gasket (10) to be sandwiched between the cap (12) and the housing (1). The rubber gasket has an outer limit as least on one of its opposite surfaces to permit the complementary outer limit of the inner surface of the cap or the rear end of the housing to fit in. The use of such rubber gasket permits the automatic assembling of the parts, still assuring the assemblage of perfect waterproofness.

IPC 1-7

**H01R 13/52; H01R 13/523**

IPC 8 full level

**H01R 13/52** (2006.01)

CPC (source: EP)

**H01R 13/5208** (2013.01); **H01R 13/5221** (2013.01)

Citation (applicant)

EP 0033031 A2 19810805 - AMP INC [US]

Cited by

US6739908B2; US6095860A; US5518419A; FR2673048A1; EP0529463A3; DE102005036997B4; EP1059697A3; US5299949A; EP0625807A3; US5596176A; US5100335A; EP0440417A1; AU630270B2; CN102057538A; US6375500B1; WO2009136221A1; WO9837597A1; WO2008122844A1; WO9215133A1; US6217385B1; WO9613880A1

Designated contracting state (EPC)

DE FR GB

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**EP 0335721 A2 19891004; EP 0335721 A3 19910502**; JP H01146478 U 19891009

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**EP 89303160 A 19890330**; JP 4344588 U 19880331