

Title (en)  
Floating connector assembly

Title (de)  
Schwimmende Steckeranordnung

Title (fr)  
Assemblage de connecteurs flottants

Publication  
**EP 0967693 B1 20031203 (EN)**

Application  
**EP 99111647 A 19990616**

Priority  
• EP 99111647 A 19990616  
• EP 98401524 A 19980622

Abstract (en)  
[origin: EP0967693A2] A connector (4) is floatably mounted to a panel (6) which has a cutout (44) receiving the connector therethrough. In the unmated condition, the mating face (16) of the connector is biased away from the panel (6) by a spring (30), and widened portions (50) of the connector are received in complementary recesses (52) of the panel cutout. The engagement of the widened portions (50) in the recesses (52) centers the connector (4) with respect to the panel cutout. During coupling with a complementary connector (8), the first connector (4) is biased in the mating direction (M) such that the widened portions (50) disengage from the complementary recesses (52) thereby allowing floating movement of the first connector (4) with respect to panel (6), in the plane orthogonal to the mating direction (M). <IMAGE>

IPC 1-7  
**H01R 13/74**; **H01R 13/631**

IPC 8 full level  
**H01R 13/631** (2006.01); **H01R 13/74** (2006.01)

CPC (source: EP)  
**H01R 13/6315** (2013.01); **H01R 13/74** (2013.01)

Cited by  
CN112448243A; CN100429842C; CN104600487A; WO2007036373A1; WO2004049519A1; WO2024193745A1

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