

Title (en)  
Connector with primary molded member and secondary molded member

Title (de)  
Verbinder mit einem ersten und einem zweiten Formteil

Title (fr)  
Connecteur avec une première et une deuxième pièce moulée

Publication  
**EP 1089400 A3 20020417 (EN)**

Application  
**EP 00710023 A 20000928**

Priority  
JP 27909799 A 19990930

Abstract (en)  
[origin: EP1089400A2] In a connector with a primary molded member (50) and a secondary molded member (60), a distance (D) between the primary molded member and a die (70) is set before a filling of a secondary resin so that a melting protrusion (53) of the primary molded member is melted by a secondary resin having a predetermined temperature and a predetermined pressure during the filling of the secondary resin. Because a wall thickness of the secondary molded member around the primary molded member is made approximately uniform, a flow rate of the secondary resin is increased. Further, the melting protrusion is disposed to partition electrical conductive members from each other, and is accurately sufficiently melted to improve fusion-bonding performance between the primary molded member and the secondary molded member. Accordingly, an electrical short circuit between the electrical conductive members is accurately prevented in the connector. <IMAGE>

IPC 1-7  
**H01R 43/24**

IPC 8 full level  
**H01R 43/18** (2006.01); **B29C 45/14** (2006.01); **F02M 51/06** (2006.01); **F16K 31/00** (2006.01); **H01R 13/516** (2006.01); **H01R 43/24** (2006.01); **H01R 13/405** (2006.01)

CPC (source: EP)  
**H01R 43/24** (2013.01); **H01R 13/405** (2013.01)

Citation (search report)  
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• [A] US 5427319 A 19950627 - BATA GEORGE T [US]  
• [A] EP 0015128 A1 19800903 - AUTOMATION IND INC [US]  
• [A] FR 2741832 A1 19970606 - BOST GARNACHE IND [FR]

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