

Title (en)
Connector and cable comprising the same

Title (de)
Verbinder und Kabel mit diesem Verbinder

Title (fr)
Fiche de connection et câble la comprenant

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Application
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Priority
NL 1017001 A 20001228

Abstract (en)
The invention pertains to a connector comprising a housing, a plurality of electrical contacts, and at least one resilient latch for establishing a mechanical connection with a counterpart comprising an opening, such as a slot or notch, for receiving the latch. The latch comprises an extension which, upon connection of the connector to the counterpart, engages with a rim or inner wall of the said opening and in that the surface of the extension that contacts the said rim or inner wall is curved. In an alternative embodiment, the latch comprises a second extension which reaches beyond a second rim or inner wall of the opening opposite the first rim or inner wall and which abuts the counterpart upon rotation of the connector about an axis substantially perpendicular to the insert direction of the connector. <IMAGE>

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IPC 8 full level
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CPC (source: EP KR)
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Citation (search report)
• [DY] EP 0898333 A2 19990224 - BERG ELECTRONICS MFG [NL]
• [Y] US 4548455 A 19851022 - EZURE TADAYOSHI [JP]
• [A] EP 0596766 A1 19940511 - FRAMATOME CONNECTORS INT [FR]

Cited by
AU2009287404B2; EP1429426A1; FR2849721A1; GB2408853A; US8323043B2; US7144278B2; WO2010022436A1; WO2005081368A1; WO2004066450A1

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