Title (en)

CONNECTOR FOR FLAT RIBBON CABLE

Publication

**EP 0537790 A3 19930714 (DE)**

Application

**EP 92117782 A 19921017**

Priority

DE 4134321 A 19911017

Abstract (en)

[origin: EP0537790A2] The subject-matter of the invention is a plug connector for flat ribbon cable (3), having a housing upper part (1), consisting of insulating material, in which a number of parallel guide channels (4) for contact elements having insulation-piercing terminals (5), and a transverse groove (2), which passes through the guide channels, for the flat ribbon cable (3) are arranged, and having a housing lower part (10) which consists of insulating material and in which a number of parallel guide channels (11) for contact elements are likewise arranged. In order to create a plug connector which is easy to instal and in which as many contacts as possible can be accommodated and can reliably make contact with one another in a very confined space, it is proposed that the insulation-piercing terminals (5) of the contact elements in the housing upper part (1) be integrally connected to flat blades (6) located in the same plane, that the contact elements in the housing lower part (10) be constructed as fork-spring contacts (12) and be arranged at right angles to the flat blades (6), and that the flat blades (6) and fork-spring contacts (12) engage over one another and make contact with one another in a contact channel (14) which is formed by the housing upper and lower parts (1, 10). <IMAGE>

IPC 1-7

**H01R 9/07**

IPC 8 full level

**H01R 4/24** (2006.01); **H01R 12/67** (2011.01); **H01R 12/79** (2011.01)

CPC (source: EP)

**H01R 12/675** (2013.01); **H01R 12/79** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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