

Title (en)

ELECTRICAL CONNECTOR AND METAL LATCH THEREOF

Title (de)

ELEKTRISCHER VERBINDER MIT METALLISCHEM VORRIGGELUNGSELEMENT

Title (fr)

CONNECTEUR ELECTRIQUE ET ELEMENT DE VERROUILLAGE METALLIQUE POUR CE DERNIER

Publication

EP 0753212 A4 19970709 (EN)

Application

EP 95914841 A 19950322

Priority

- JP 5576294 A 19940325
- US 9503661 W 19950322

Abstract (en)

[origin: WO9526580A1] The invention provides an electrical connector to which a metal latch can be easily attached. An attachment post (16a) mounted on an upper surface (18) of a housing (12) has a main wall (16b) and an outer side wall (30) opposed thereto. A front side wall (28), perpendicular to the main wall, is located at a front end of the main wall (16b). A central portion of the main wall (16b) has a rectangular engaging projection (40). A rear end of the main wall (16b) has a rear side wall (42) projecting outward to face the front side wall (28). A slot (46), having a rectangular cross section and defined by the main wall (16b), the outer side wall (30), the front side wall (28) and the rear side wall (42), is produced on the attachment post (16a). A base portion (62) of the metal latch (60), which is to be inserted in the slot (46), has forked portions (64) and (66) extending downward. The forked portions (64) and (66) are inserted into gaps (48) and (50) produced on both sides on an engaging projection (40) in the slot (46) and clamp the engaging projection (40), the result of which is that an end surface (90) of the base portion (62) of the latch (60) contacts an end (92) of the engaging projection (40).

IPC 1-7

H01R 13/62

IPC 8 full level

H01R 13/639 (2006.01); **H01R 13/434** (2006.01); **H01R 13/62** (2006.01)

CPC (source: EP KR)

H01R 12/7005 (2013.01 - EP); **H01R 13/62** (2013.01 - KR)

Citation (search report)

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- [A] US 5234354 A 19930810 - SMART LEIGH M [US]
- [A] US 4995825 A 19910226 - KORSUNSKY IOSIF [US], et al
- [A] US 5161995 A 19921110 - BAKKE PATRICK D [US], et al
- See references of WO 9526580A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 9526580 A1 19951005; EP 0753212 A1 19970115; EP 0753212 A4 19970709; JP 3312987 B2 20020812; JP H07272795 A 19951020; KR 100361420 B1 20030416; KR 970702599 A 19970513; TW 389007 B 20000501

DOCDB simple family (application)

US 9503661 W 19950322; EP 95914841 A 19950322; JP 5576294 A 19940325; KR 19960705319 A 19960924; TW 84103352 A 19950408