

Title (en)
CONNECTOR MODULE WITH LATCH STRUCTURE

Title (de)
VERBINDERMODUL MIT VERRIEGELUNGSSTRUKTUR

Title (fr)
MODULE CONNECTEUR AVEC STRUCTURE DE VERROU

Publication
EP 3644451 B1 20200812 (EN)

Application
EP 18202199 A 20181024

Priority
EP 18202199 A 20181024

Abstract (en)
[origin: EP3644451A1] A connector module with a latch structure includes a base (10), a terminal block (20) and latch structures (30). The base (10) includes a housing (11) having an accommodating space (A), and the incommoding space (A) includes a positioning member (113). The terminal block (20) is inserted into the accommodating space (A) and includes an insertion main body (21) and conductive terminals (22). Each latch structure (30) is arranged between the housing (11) and the insertion main body (21), which includes a latch portion (31) formed on the insertion main body (21) and a locking member (32) rotatably connected to the housing (11) on one side of the positioning member (113). The locking member (32) includes a locking portion (322) for locking onto the latch portion (31) and locking slots (324) provided for the positioning member (113). Accordingly, the terminal block can be removed without the use of any tools.

IPC 8 full level
H01R 13/627 (2006.01); **H01R 13/633** (2006.01); **H01R 9/24** (2006.01)

CPC (source: EP)
H01R 13/6275 (2013.01); **H01R 13/6335** (2013.01); **H01R 9/2491** (2013.01)

Cited by
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