

Title (en)

CLOSURE ARRANGEMENT FOR CLOSING OFF AN INSERTION OPENING IN A FRONT WALL OF A HOUSING

Title (de)

VERSCHLUSSANORDNUNG ZUM VERSCHLIESSEN EINER EINSETZÖFFNUNG IN EINER STIRNWAND EINES GEHÄUSES

Title (fr)

AGENCEMENT DE FERMETURE POUR FERMER UNE OUVERTURE D'INSERTION DANS UNE PAROI AVANT D'UN BOÎTIER

Publication

**EP 3667833 B1 20240207 (EN)**

Application

**EP 18465636 A 20181213**

Priority

EP 18465636 A 20181213

Abstract (en)

[origin: EP3667833A1] The invention relates to a closure arrangement for closing off an insertion opening 2 in a front wall 1 of a housing for a connector 11 which is insertable through the insertion opening 2, on a displacement travel extending at right angles to the front wall 1, into the interior 4 of the housing and which can be contacted there with a contact piece 12. Having two closure parts 5, 5' which are arranged on the inner side of the front wall 1 and which, counter to spring forces, can be acted on by the connector 11 inserted into the insertion opening 2 such that they are movable away from one another from a closed position, in which they each close off half of the insertion opening 2 and in which the closure parts 5, 5' bear against one another, by way of their end sides 7, 7' facing toward one another, in the center of the insertion opening 2, into an open position, in which the connector 11 can pass through. The closure parts 5, 5' are, with their mutually opposite regions directed toward the front wall 1, displaceably in contact with slide curves 3, 3' of the front wall 1, which extend from the outer region to the inner region of the insertion opening 2 such that they diverge from one another in convex fashion. Here, those regions of the closure parts 5, 5' which bear against the slide curves 3, 3' have contours 6, 6' corresponding to the slide curves 3, 3', and the closure parts 5, 5' are acted on displaceably toward one another along the slide curves 3, 3' by first spring forces.

IPC 8 full level

**H01R 13/453** (2006.01); **H01R 13/52** (2006.01)

CPC (source: CN EP)

**H01R 13/4534** (2013.01 - EP); **H01R 13/502** (2013.01 - CN); **H01R 13/508** (2013.01 - CN); **H01R 13/5213** (2013.01 - CN); **H01R 13/4536** (2013.01 - EP); **H01R 13/5213** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3667833 A1 20200617**; **EP 3667833 B1 20240207**; CN 111326906 A 20200623; CN 111326906 B 20210817

DOCDB simple family (application)

**EP 18465636 A 20181213**; CN 201911250495 A 20191209