

Title (en)
CONTACT CARRIER

Title (de)
KONTAKTTRÄGER

Title (fr)
PORTE-CONTACT

Publication
EP 3973596 B1 20240703 (DE)

Application
EP 20727139 A 20200506

Priority
• DE 102019113494 A 20190521
• DE 2020100376 W 20200506

Abstract (en)
[origin: WO2020233740A1] Contact carrier (K) for receiving and fixing at least one crimp contact (1), wherein the contact carrier (K) has a plug-in side (S) and, opposite to this, a connection side (A), and wherein the contact carrier (K) is furthermore of at least two-part design and has an insulating body (2) and a holding plate (3) which can be mounted on said insulating body on the connection side, wherein the insulating body (2) has a detent element (232) which, in the non-mounted state, can assume both a position in which the crimp contact (1) is latched and also a position in which the crimp contact (1) is unlatched, wherein the holding plate (3) has a locking element (33) which, in the mounted state, fixes the at least one detent element (232) in its position in which the crimp contact (1) is latched and in this way prevents said crimp contact from moving from the latching position to the unlatching position, wherein the detent element (232) is designed as at least one detent arm (232) which points in the direction of the connection side (A) and has a detent moulding (231) for latching in a latching groove (10) of the crimp contact (1).

IPC 8 full level
H01R 13/422 (2006.01); **H01R 13/436** (2006.01); **H01R 43/20** (2006.01)

CPC (source: EP KR US)
H01R 4/2495 (2013.01 - US); **H01R 13/4226** (2013.01 - EP KR US); **H01R 13/4368** (2013.01 - EP KR US); **H01R 13/506** (2013.01 - US); **H01R 43/20** (2013.01 - KR US); **H01R 43/20** (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)
DE 102019113494 A1 20201126; CN 114144942 A 20220304; EP 3973596 A1 20220330; EP 3973596 B1 20240703; KR 102629248 B1 20240125; KR 20220006652 A 20220117; US 12034243 B2 20240709; US 2022239031 A1 20220728; WO 2020233740 A1 20201126

DOCDB simple family (application)
DE 102019113494 A 20190521; CN 202080052353 A 20200506; DE 2020100376 W 20200506; EP 20727139 A 20200506; KR 20217041255 A 20200506; US 202017612598 A 20200506