

Title (en)

Plug connector with a crimp seal and/or cable retainer

Title (de)

Steckverbinder mit einer Crimp-Abdichtung und/oder einer Kabelhalterung

Title (fr)

Prise avec membre d'étanchéité pour les contacts sertis et/ou dispositif de retenue de câble

Publication

EP 1699116 B1 20130102 (DE)

Application

EP 06003774 A 20060224

Priority

DE 102005009441 A 20050302

Abstract (en)

[origin: EP1699116A2] The connector has a contact pin arranged in a housing (2) and arranged at an end of an electrical conductor (4). The housing is enclosed with an injection molding material (5) in an area, in which the conductor is led into the housing. A latch impedes a penetration of the material into a contact area of the contact pin such that the latch is not a component of an injection molding tool for molding and processing the material.

IPC 8 full level

H01R 43/24 (2006.01); **H01R 13/405** (2006.01); **H01R 13/58** (2006.01)

CPC (source: EP US)

H01R 13/405 (2013.01 - EP US); **H01R 13/5845** (2013.01 - EP US); **H01R 43/24** (2013.01 - EP US); **Y10T 29/49174** (2015.01 - EP US); **Y10T 29/49176** (2015.01 - EP US); **Y10T 29/49204** (2015.01 - EP US); **Y10T 29/4921** (2015.01 - EP US); **Y10T 29/4922** (2015.01 - EP US)

Cited by

EP1916747A1; EP2348585A3; EP3145040A1; EP1906420A3; EP3483991A1; US7829811B2; EP3830909B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1699116 A2 20060906; **EP 1699116 A3 20080123**; **EP 1699116 B1 20130102**; DE 102005009441 A1 20060914; US 2006207092 A1 20060921; US 7370413 B2 20080513

DOCDB simple family (application)

EP 06003774 A 20060224; DE 102005009441 A 20050302; US 36702506 A 20060302