

Title (en)
Lever-actuated electrical connector

Title (de)
Hebelbetätigter elektrischer Verbinder

Title (fr)
Connecteur électrique actionné par levier

Publication
EP 2889966 A1 20150701 (EN)

Application
EP 14199980 A 20141223

Priority
JP 2013264863 A 20131224

Abstract (en)
A lever-actuated connector (10) has a wire cover (40) to which a lever (70) is attached so as to be rotatable between an initial mating position and a final mating position, and a housing (20) to which the wire cover (40) is mounted. An interference structure (76, 27) is provided between the lever (70) and the housing (20), the interference structure (76, 27) arranged to prevent the wire cover (40), having the lever (70) placed in a position for mounting the wire cover (40) to the housing (20), from being mounted to the housing (20) with an improper orientation.

IPC 8 full level
H01R 13/629 (2006.01)

CPC (source: CN EP)
H01R 13/502 (2013.01 - CN); **H01R 13/629** (2013.01 - CN); **H01R 13/62977** (2013.01 - CN EP); **H01R 13/5213** (2013.01 - EP);
H01R 13/62955 (2013.01 - CN EP)

Citation (applicant)
JP 2012028029 A 20120209 - YAZAKI CORP

Citation (search report)
• [I] US 2010323537 A1 20101223 - VASBINDER ANDREW JACOB [US], et al
• [I] DE 102011101205 A1 20120223 - SUMITOMO WIRING SYSTEMS [JP]
• [AD] WO 2012011597 A1 20120126 - YAZAKI CORP [JP], et al
• [A] US 6540532 B1 20030401 - MARTIN GALEN MONROE [US], et al

Cited by
EP4300717A1; EP3657610A1; CN108923180A; EP3425747A1; US10411405B2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2889966 A1 20150701; **EP 2889966 B1 20170419**; CN 104733908 A 20150624; CN 104733908 B 20181019; JP 2015122182 A 20150702;
JP 6381904 B2 20180829

DOCDB simple family (application)
EP 14199980 A 20141223; CN 201410812744 A 20141224; JP 2013264863 A 20131224