

Title (en)

ELECTRICAL CONNECTOR AND METHOD OF ASSEMBLING AN ELECTRICAL CONNECTOR TO A CABLE

Title (de)

ELEKTRISCHER VERBINDER UND VERFAHREN ZUR MONTAGE EINES ELEKTRISCHEN VERBINDERS AN EINEM KABEL

Title (fr)

CONNECTEUR ÉLECTRIQUE ET PROCÉDÉ D'ASSEMBLAGE D'UN CONNECTEUR ÉLECTRIQUE À UN CÂBLE

Publication

EP 3336970 A1 20180620 (EN)

Application

EP 16204507 A 20161215

Priority

EP 16204507 A 20161215

Abstract (en)

Electrical connector comprising: a retainer 2 with a bore 6, said retainer 2 being adapted to be mounted onto an outer insulating jacket 7 of an electric cable 1, a cavity block 3 having a plurality of cavities 13, 13' adapted to accommodate electrical terminals 10, 10' connected to electrical conductors 18 of wires 9, 9' of the cable 1, a tubular shield element 4 made of an electrically conductive material and accommodating said retainer 2 and said cavity block 3, wherein said retainer 2 has a threaded bore 6 adapted to be screwed onto the outer insulating jacket 7 of the electric cable 1.

IPC 8 full level

H01R 9/05 (2006.01); **H01R 13/52** (2006.01); **H01R 13/59** (2006.01); **H01R 9/03** (2006.01); **H01R 13/436** (2006.01)

CPC (source: EP)

H01R 9/0524 (2013.01); **H01R 13/5205** (2013.01); **H01R 13/59** (2013.01); **H01R 13/4361** (2013.01); **H01R 13/65915** (2020.08)

Citation (applicant)

- US 4634208 A 19870106 - HALL LAWRENCE A [US], et al
- US 6231392 B1 20010515 - VAN WOENSEL JOHANNES MARIA BLA [NL]
- US 7390221 B2 20080624 - AKINO HIROSHI [JP]

Citation (search report)

- [IY] US 3601766 A 19710824 - ALIBERT VERNON F
- [YA] US 2016093984 A1 20160331 - IWAMOTO YUTA [JP]
- [YA] WO 2009105380 A2 20090827 - 3M INNOVATIVE PROPERTIES CO [US]

Cited by

CN113196580A; CN110690597A; US11710933B2; WO2020137886A1

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 3336970 A1 20180620; EP 3336970 B1 20210331

DOCDB simple family (application)

EP 16204507 A 20161215