

Title (en)  
Joint connector

Title (de)  
Steckverbinder

Title (fr)  
Connecteur de raccordement

Publication  
**EP 2696444 A1 20140212 (EN)**

Application  
**EP 12179679 A 20120808**

Priority  
EP 12179679 A 20120808

Abstract (en)  
For providing a joint connector which is miniaturized and general-purpose by designing an interval between needle shape terminal portions same as an interval between terminals of the general-purpose connector, the joint connector 1 includes a terminal 3 with a ferrite core 10, and a connector housing 2 receiving the terminal 3. The terminal 3 includes a busbar 28 and a plurality of needle shape terminal portions 29 extending from the busbar 28 at intervals along a direction of lengthwise of the busbar 28. The ferrite core 10 includes a first ferrite core 10a arranged at a base end 29a of the needle shape terminal portion 29 and a second ferrite core 10b arranged at an intermediate portion 29b of the needle shape terminal portion 29. The first ferrite core 10a and the second ferrite core 10b are arranged alternately at each of the plurality of needle shape terminal portions 29.

IPC 8 full level  
**H01R 13/506** (2006.01); **H01R 13/7193** (2011.01); **H01R 13/7197** (2011.01)

CPC (source: EP)  
**H01R 13/506** (2013.01); **H01R 13/7193** (2013.01); **H01R 13/7197** (2013.01)

Citation (applicant)  
• JP 2008218038 A 20080918 - AUTO NETWORK GIJUTSU KENKYUSHO, et al  
• JP 2008131327 A 20080605 - AUTO NETWORK GIJUTSU KENKYUSHO, et al  
• JP 2010170985 A 20100805 - YAZAKI CORP

Citation (search report)  
[A] WO 2012039510 A1 20120329 - YAZAKI CORP [JP], et al

Cited by  
CN111435773A; EP3748783A1; US11245219B2

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 2696444 A1 20140212; EP 2696444 B1 20161005**

DOCDB simple family (application)  
**EP 12179679 A 20120808**