

Title (en)
Compatible connector for first and second joints having different pin quantities

Title (de)
Kompatibler Verbinder für Erst- und Zweitverbindungen mit unterschiedlicher Pinanzahl

Title (fr)
Connecteur compatible pour premier et deuxième connecteurs ayant un nombre différent de broches

Publication
EP 1860746 A3 20090114 (EN)

Application
EP 07004894 A 20070309

Priority
CN 200610081395 A 20060524

Abstract (en)
[origin: EP1860746A2] A compatible connector for first and second joints having different pin quantities is disclosed. The connector includes a base, at least one first pin, and at least one second pin. The base includes a first connecting surface and a second connecting surface. The first pins are disposed on the first connecting surface and the quantity of the first pins is the same as the pin quantity of the first joint. In addition, the second pins are disposed on the second connecting surface and the total quantity of the second pins and the first pins is the same as the pin quantity of the second joint.

IPC 8 full level
H01R 27/00 (2006.01); **H01R 13/645** (2006.01)

CPC (source: EP)
H01R 13/6456 (2013.01); **H01R 27/00** (2013.01)

Citation (search report)
• [XY] EP 1274155 A1 20030108 - JAPAN AVIATION ELECTRON [JP]
• [YP] US 7128608 B1 20061031 - CHEN LU-CHENG [TW]
• [XA] US 2005048846 A1 20050303 - SUZUKI MITSUO [JP], et al
• [A] WO 0176019 A2 20011011 - MOLEX INC [US], et al
• [XP] US 2007049119 A1 20070301 - FUJIMOTO MASAKI [JP], et al
• [E] US 2007218762 A1 20070920 - LIAO YU-JING [TW], et al
• [E] US 2007218725 A1 20070920 - LIAO YU-JING [TW], et al & TW M278139 U 20051011 - HE AND TECHNOLOGY CO LTD [TW]

Cited by
EP2154756A1; EP2173013A1; US9219476B2; US7661993B2; US7670181B2; TWI455420B

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1860746 A2 20071128; EP 1860746 A3 20090114; EP 1860746 B1 20111130; AT E535969 T1 20111215; CN 100490258 C 20090520;
CN 101079528 A 20071128

DOCDB simple family (application)
EP 07004894 A 20070309; AT 07004894 T 20070309; CN 200610081395 A 20060524