

Title (en)

ANGLED ELECTRIC PLUG-IN CONNECTOR COMPRISING A FIRST ANGLED LIMB AND A SECOND ANGLED LIMB

Title (de)

ELEKTRISCHER WINKELFÖRMIGER STECKVERBINDER MIT EINEM ERSTEN WINKELSCHENKEL UND MIT EINEM ZWEITEN WINKELSCHENKEL

Title (fr)

CONNECTEUR ENFICHABLE ELECTRIQUE ANGULAIRE DOTE D'UN PREMIER ET D'UN DEUXIEME MONTANT ANGULAIRE

Publication

**EP 1735876 B1 20100331 (DE)**

Application

**EP 05763167 A 20050628**

Priority

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- DE 202004012953 U 20040818

Abstract (en)

[origin: US2008064268A1] An angled plug-in connector ( 1 ) is provided having an insulating body that is located in a first angled limb ( 2 ) and that contains electric contacts. The conductor or conductors that extend from the insulating body extend through a second angled limb ( 3 ). The opposing end faces ( 2 a, 3 a ) of the angled limbs ( 2,3 ) that lie in the angled region are oblique, generally forming a mitre and are interconnected by an articulation or in a detachable manner. At least one of the two angled limbs is provided with a recess or annular groove ( 10 ), which extends over the greater part of a circumference thereof, is open to an exterior over at least a part of its length, and in which a fitted spring-loaded ring ( 11 ) can be placed. The ring ( 11 ) is open or includes a gap ( 12 ) and has two end sections ( 13 ). At least one of the end sections projects beyond the recess or annular groove ( 10 ), extending from the angled limb when in the working position and engages in a retaining element ( 9 ) on the other angled limb, when in the locked or working position of the plug-in connector.

IPC 8 full level

**H01R 13/508** (2006.01)

CPC (source: EP US)

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