

Title (en)

Electrical connector with clamping elements with curved sectors.

Title (de)

Elektrischer Verbinder mit Klemmelementen mit gekrümmten Abschnitten.

Title (fr)

Connecteur électrique avec des éléments de serrage à secteurs courbés.

Publication

EP 0387215 A1 19900912 (EN)

Application

EP 90830088 A 19900308

Priority

IT 1971289 A 19890310

Abstract (en)

The invention relates to the electrical connectors formed by two bodies, each of which includes some clamping elements that clamp the main conductor and the derived conductor and connect them electrically each other. The elements of a body are metallic for the electrical connection, while the elements of the other body are made of an insulating material. According to the characteristic part of the invention, at least one of these elements is formed by a pair of sectors, with proper curving within which is set a conductor, so that the latter is clamped between the pair of sectors of one body and the corresponding element of the other body consequent to the pressure of one body against the other.

IPC 1-7

H01R 4/30

IPC 8 full level

H01R 4/24 (2006.01); **H01R 4/44** (2006.01)

CPC (source: EP US)

H01R 4/2408 (2013.01 - EP US); **H01R 4/44** (2013.01 - EP)

Citation (search report)

- [A] DE 2903960 B2 19801204
- [A] DE 2611080 A1 19761014 - BURNDY CORP
- [A] DE 1122121 B 19620118 - SIEMENS AG
- [A] CH 589946 A5 19770729 - SOTAX AG
- [A] DD 10008 A

Cited by

GB2277208A; GB2277208B; FR2998723A1; NO344940B1; WO02073765A1

Designated contracting state (EPC)

AT BE DE ES FR GB GR NL SE

DOCDB simple family (publication)

EP 0387215 A1 19900912; **EP 0387215 B1 19941228**; AT E116483 T1 19950115; DE 69015389 D1 19950209; DE 69015389 T2 19950504; ES 2066192 T3 19950301; GR 3015121 T3 19950531; IT 1228708 B 19910703; IT 8919712 A0 19890310

DOCDB simple family (application)

EP 90830088 A 19900308; AT 90830088 T 19900308; DE 69015389 T 19900308; ES 90830088 T 19900308; GR 940402883 T 19950221; IT 1971289 A 19890310