

Title (en)
ELECTRICAL CONNECTOR.

Title (de)
ELEKTRISCHER VERBINDER.

Title (fr)
CONNECTEUR ELECTRIQUE.

Publication
EP 0674813 A1 19951004 (EN)

Application
EP 94902723 A 19931209

Priority
• DE 4242972 A 19921218
• EP 9303460 W 19931209

Abstract (en)
[origin: CA2138293A1] For an electrical connector with a socket contact, formed by means of a sleeve body with attachment means for the connecting leads, for the displaceable reception of a contact pin, where a segmented cage, which can rest pressingly against the pin contact, is housed in the sleeve body so as to be fixed axially in position, the segmented cage (8) is formed by means of a cylindrically rolled flat sheet metal blank (9), whose longitudinal outer strips (10) are connected together by means of a number of ribs (11), which extend side by side separated from each other, the chamfered contact tabs (13), which are opposite one another at the longitudinal outer strips (10), project into the free spaces (12) between the ribs (11), whereby a first segment (13') of said contact tab curves in the direction of the central longitudinal axis of the segmented cage (8) and whereby a second segment (13''), formed by means of the free ends, is bent back and is shorter than half the length of the segmented cage (8), in order to ensure a reliable and effective contact.

IPC 1-7
H01R 13/115; **H01R 43/16**

IPC 8 full level
H01R 13/115 (2006.01); **H01R 13/187** (2006.01); **H01R 43/16** (2006.01)

CPC (source: EP KR)
H01R 13/115 (2013.01 - KR); **H01R 13/187** (2013.01 - EP); **H01R 13/111** (2013.01 - EP)

Citation (search report)
See references of WO 9415380A1

Cited by
CN112054316A; WO2018099904A1; US10784609B2

Designated contracting state (EPC)
BE DE FR IT

DOCDB simple family (publication)
DE 4242972 A1 19940623; CA 2138293 A1 19940707; DE 69309307 D1 19970430; DE 69309307 T2 19970710; EP 0674813 A1 19951004; EP 0674813 B1 19970326; KR 950702753 A 19950729; WO 9415380 A1 19940707

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