

Title (en)
CONNECTION PIECE TO CONNECT ROUND ELECTRICAL CONDUCTORS TOGETHER

Publication
EP 0182736 B1 19880615 (DE)

Application
EP 85730142 A 19851016

Priority
DE 8431557 U 19841025

Abstract (en)
[origin: EP0182736A2] 1. A coupling contact piece for connecting round electric conductors, in particular for detachable plug-in connections in metal-enclosed compressed gas-insulated high voltage switchgears with several elongate trapezoidal contact plates (8) which are arranged on the periphery of the conductors to be connected and are pressed against the conductors by leaf springs (14) lying in parallel with the plates (8) on the exterior thereof, wherein the leaf springs (14) are fixed in a groove (11) in the blunt side of the plate ; (8) and rest against a cylindrical housing (16) which contains the plates (8) and at least one intermediate wall (20) which runs in a longitudinal direction and extends between two plates (8), characterised in that the cylindrical housing (16) surrounding the plates (8) is formed from a strip of thin-walled sheet metal which is bent into a cylinder, the width of the strip corresponding approximately to the length of the plates (8), one (17) of the axially running edges of the sheet metal strip being bent radially inwards at a height (19) selected smaller than the height of the plate (18), and in that this thin-walled cylindrical housing (16) lies in a thicker walled cylindrical external housing (2) of the coupling contact pieces (1).

IPC 1-7
H01R 13/18

IPC 8 full level
H01R 13/18 (2006.01); **H01H 1/38** (2006.01); **H01R 13/187** (2006.01)

CPC (source: EP)
H01H 1/385 (2013.01)

Cited by
EP0789424A3; EP3748780A1

Designated contracting state (EPC)
CH DE FR GB LI NL SE

DOCDB simple family (publication)
DE 8431557 U1 19850321; DE 3563402 D1 19880721; EP 0182736 A2 19860528; EP 0182736 A3 19860604; EP 0182736 B1 19880615; JP H0313709 B2 19910225; JP S61104569 A 19860522

DOCDB simple family (application)
DE 8431557 U 19841025; DE 3563402 T 19851016; EP 85730142 A 19851016; JP 23625385 A 19851022