

Title (en)

Contact arrangement placed in an insulated wall for tap changers of tap transformers.

Title (de)

In einer Isolierstoffwand sitzende Kontaktanordnung für Stufenwähler von Stufentransformatoren.

Title (fr)

Dispositif de contact monté dans une paroi de matériaux isolants pour sélecteurs de prises de transformateurs à prises.

Publication

EP 0325139 B1 19940330 (DE)

Application

EP 89100296 A 19890110

Priority

DE 3801152 A 19880116

Abstract (en)

[origin: EP0325139A2] A contact arrangement for tap changers of tap transformers, in which the contact piece is seated with a shank (1) in a hole of a cylindrical wall (2) consisting of wound dielectric material and has a connecting surface on the one side and a contact surface on the other side. The shank of the contact piece is provided with two mutually interlocking dielectric material bushes (5, 6) which are placed onto the shank (1) from both sides of the cylindrical wall (2) and which each rest with a projecting edge (7, 8) on the cylindrical wall. The contact surface is designed in the manner of a bead as an electrode shape (3) which rests firmly on the dielectric material bush (5), the contact piece being held in the cylindrical wall by permanent deformation (9) of its shank on the outer side of the cylindrical wall. <IMAGE>

IPC 1-7

H01H 19/56; H01H 9/00; H01H 11/06

IPC 8 full level

H01F 29/02 (2006.01); **H01H 9/00** (2006.01); **H01H 11/06** (2006.01); **H01H 19/56** (2006.01)

CPC (source: EP KR)

H01F 29/04 (2013.01 - KR); **H01H 9/0016** (2013.01 - EP); **H01H 2009/0022** (2013.01 - EP)

Cited by

EP0543120A3; EP2637186A1; EP3086342A1; WO2009011000A1

Designated contracting state (EPC)

AT DE ES FR GB SE

DOCDB simple family (publication)

EP 0325139 A2 19890726; **EP 0325139 A3 19901003**; **EP 0325139 B1 19940330**; AT E103735 T1 19940415; CN 1016021 B 19920325; CN 1035388 A 19890906; DE 3801152 A1 19890727; DE 3801152 C2 19921001; DE 58907309 D1 19940505; ES 2050722 T3 19940601; HU 201172 B 19900928; HU T51023 A 19900328; IN 172230 B 19930508; JP 2785130 B2 19980813; JP H01226126 A 19890908; KR 890012333 A 19890825; KR 970010989 B1 19970705

DOCDB simple family (application)

EP 89100296 A 19890110; AT 89100296 T 19890110; CN 89100764 A 19890115; DE 3801152 A 19880116; DE 58907309 T 19890110; ES 89100296 T 19890110; HU 12389 A 19890113; IN 921MA1988 A 19881227; JP 503989 A 19890113; KR 890000149 A 19890109