

Title (en)

Bushing for high direct voltages.

Title (de)

Buchse für hohe Gleichspannungen.

Title (fr)

Douille de traversée pour les tensions continues hautes.

Publication

**EP 0429843 A1 19910605 (EN)**

Application

**EP 90120182 A 19901020**

Priority

SE 8903633 A 19891031

Abstract (en)

Transformer bushing, particularly for HVDC-plants, with a condenser body for field control of the connection between the bushing and the conductor of a transformer winding. The condenser body (1) is arranged as a solid of revolution with concentrically laid condenser layers (11, 13, 14). The condenser body (1) is formed from one end with an outwardly-directed straight frustum of a cone (8) and from the other end with an inwardly directed straight frustum of a cone (10).

IPC 1-7

**H01F 27/04**

IPC 8 full level

**H01F 27/04** (2006.01)

CPC (source: EP)

**H01F 27/04** (2013.01)

Citation (search report)

CH 506165 A 19710415 - HITACHI LTD [JP]

Cited by

EP3358690A1; DE102018116416A1; US8802993B2; US11502499B2; WO2008027007A1; WO2015140208A1; WO2007107492A1; US8088996B2

Designated contracting state (EPC)

DE DK FR GB IT NL

DOCDB simple family (publication)

**EP 0429843 A1 19910605; EP 0429843 B1 19951220**; BR 9005510 A 19910917; CA 2028987 A1 19910501; DE 69024335 D1 19960201; DE 69024335 T2 19960814; DK 0429843 T3 19960506; JP H03180011 A 19910806; SE 464898 B 19910624; SE 8903633 D0 19891031; SE 8903633 L 19910501

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**EP 90120182 A 19901020**; BR 9005510 A 19901030; CA 2028987 A 19901030; DE 69024335 T 19901020; DK 90120182 T 19901020; JP 29347790 A 19901030; SE 8903633 A 19891031