

Title (en)
CURRENT COLLECTOR ESPECIALLY FOR A REGULATING TRANSFORMER

Title (de)
STROMABNEHMER INSBESONDERE FÜR STELLTRANSFORMATOR

Title (fr)
COLLECTEUR DE COURANT, EN PARTICULIER POUR TRANSFORMATEUR VARIABLE

Publication
EP 1508147 B1 20091216 (DE)

Application
EP 03732357 A 20030513

Priority

- DE 10224246 A 20020529
- DE 10237367 A 20020813
- EP 0304983 W 20030513

Abstract (en)
[origin: WO03100798A1] The invention relates to a current collector (4), especially a current collector of a regulating transformer, for the sliding displacement on a contact path (5) which is formed by at least partially insulated segments, especially windings (7) of a coil (2). The current collector (4) comprises two electrically separated contact pieces (8) which respectively contact the contact path (5) with a contact area (9). A contact area (9) is dimensioned in such a way that it exclusively contacts the surface of one insulated segment (7). The two contact pieces (8) are rigidly coupled together. Both of the contact areas (9) are arranged on a common contact surface and the contact area makes it possible to bridge the intermediate area (11) between two neighbouring segments (7).

IPC 8 full level
H01F 29/06 (2006.01)

CPC (source: EP)
H01F 29/06 (2013.01)

Citation (examination)
US 3025452 A 19620313 - ALBERT ROSS

Cited by
CN104036930A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 03100798 A1 20031204; AU 2003240232 A1 20031212; EP 1508147 A1 20050223; EP 1508147 B1 20091216

DOCDB simple family (application)
EP 0304983 W 20030513; AU 2003240232 A 20030513; EP 03732357 A 20030513