

Title (en)
MF transformer

Title (de)
MF-Transformator

Title (fr)
Transformateur MF

Publication
EP 1729310 A1 20061206 (DE)

Application
EP 06010808 A 20060526

Priority
DE 202005008757 U 20050602

Abstract (en)
A transformer has primary and secondary windings, and coil penetrations contained in a core. Coil penetrations of hermetically molded-in primary and secondary windings are electrically and thermally separated from each other with intermediate insulations. The cores are thermally and dielectrically insulated and are permanently fixed and held, without any gap, within the coil penetrations via ribbed-partial area/corner surfaces (28).

IPC 8 full level
H01F 27/00 (2006.01); **H01F 5/02** (2006.01)

CPC (source: EP)
H01F 27/324 (2013.01); **H01F 27/327** (2013.01); **H01F 27/266** (2013.01)

Citation (applicant)
DE 10203246 B4 20040129 - BOMBARDIER TRANSP GMBH [DE]

Citation (search report)
• [A] US 2004036568 A1 20040226 - SUZUKI MITSUAKI [JP]
• [A] FR 1325184 A 19630426 - LANDIS & GYR SA
• [DA] DE 10203246 A1 20030821 - BOMBARDIER TRANSP GMBH [DE]

Cited by
EP3364430A1; CN110268487A; RU2748606C2; US11557428B2; EP1537937B1; WO2018150027A1

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1729310 A1 20061206; EP 1729310 B1 20071219; AT E381766 T1 20080115; AT E451703 T1 20091215; DE 202005008757 U1 20061012; DE 502006000228 D1 20080131; DE 502006005568 D1 20100121; DK 1729310 T3 20080505; DK 1772877 T3 20100426; EP 1772877 A1 20070411; EP 1772877 B1 20091209; ES 2299118 T3 20080516; ES 2337279 T3 20100422

DOCDB simple family (application)
EP 06010808 A 20060526; AT 06010808 T 20060526; AT 06011057 T 20060530; DE 202005008757 U 20050602; DE 502006000228 T 20060526; DE 502006005568 T 20060530; DK 06010808 T 20060526; DK 06011057 T 20060530; EP 06011057 A 20060530; ES 06010808 T 20060526; ES 06011057 T 20060530