

Title (en)
TRANSFORMER FOR GAS TUBE SIGN

Publication
EP 0505947 A3 19940309 (EN)

Application
EP 92104916 A 19920320

Priority
• JP 6649291 A 19910329
• JP 10083491 U 19911206

Abstract (en)
[origin: EP0505947A2] A low-voltage winding and a high-voltage winding are wound on a main iron core (11). Between these low-voltage and high-voltage windings, a leakage iron core is interpositioned. A minimum of 5 flanges (22) is formed integrally on a bobbin (15) of the high-voltage winding, in equal intervals. Between these flanges, the high-voltage winding is wound in split sections. Thus, the number of connectable back border tubes can be increased by one or more from that with a conventional transformer of a non-split type winding. <IMAGE>

IPC 1-7
H01J 31/06; H01J 5/02; H01J 31/00

IPC 8 full level
H01F 38/10 (2006.01); **H05B 41/282** (2006.01)

CPC (source: EP KR)
H01F 27/00 (2013.01 - KR); **H01F 38/10** (2013.01 - EP); **H05B 41/2822** (2013.01 - EP)

Citation (search report)
• [Y] US 4667132 A 19870519 - LEALE LUIS O [US]
• [Y] US 4547705 A 19851015 - HIRAYAMA HIROMITSU [JP], et al
• [Y] DD 292104 A5 19910718 - KARL MARX STADT FAHRZEUGELEK [DE]
• [A] EP 0320018 A1 19890614 - VOGT ELECTRONIC AG [DE]
• [A] US 4639706 A 19870127 - SHIMIZU YOHEI [JP]

Cited by
EP1138637A4; EP2388647A1; EP1441252A4; EP0647086A1; US5495405A; GB2273001A; FR2698480A1; WO9955124A1; US7652434B2; US8339051B2; EP0702506B1

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

DOCDB simple family (publication)
EP 0505947 A2 19920930; **EP 0505947 A3 19940309**; **EP 0505947 B1 19961227**; DE 69216128 D1 19970206; DE 69216128 T2 19970522; ES 2095973 T3 19970301; KR 920018785 A 19921022; KR 960001143 B1 19960119

DOCDB simple family (application)
EP 92104916 A 19920320; DE 69216128 T 19920320; ES 92104916 T 19920320; KR 920004444 A 19920318