

Title (en)
A multi-chamber transformer

Title (de)
Mehrkammer-transformator

Title (fr)
Transformateur à chambres multiples

Publication
EP 1693859 A1 20060823 (EN)

Application
EP 05425091 A 20050222

Priority
EP 05425091 A 20050222

Abstract (en)
A transformer includes a plurality of windings (290, 390, 490) wound on an insulating bobbin, which in turn includes a plurality of coil formers (200, 300; 200, 300, 400) each having at least one respective winding (290, 390) wound thereon. Each coil former (200, 300; 200, 300, 400) includes two separating end walls (212...215, 312...315, 412...415) providing insulation of the respective winding, and at least one of the end walls (214, 215; 314, 315; 414, 415) of the coil formers has a protruding portion (204, 225, 306, 309, 403, 405) extending in correspondence with a neighbouring coil former. The protruding portion in question may include a wall extension (225, 305, 405) at least partly covering the respective winding provided in the neighbouring coil former, and/or a pin stand (204; 306, 309; 403).

IPC 8 full level
H01F 5/02 (2006.01); **H01F 27/32** (2006.01)

CPC (source: EP)
H01F 5/02 (2013.01); **H01F 27/325** (2013.01); **H01F 2005/022** (2013.01); **H01F 2027/297** (2013.01)

Citation (search report)
• [XA] US 5534839 A 19960709 - MACKIN SEAN M [US], et al
• [A] US 4250479 A 19810210 - BAUSCH JAMES F [US], et al

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WO2022082880A1

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 MC NL PL PT RO SE SI SK TR

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