

Title (en)
A SINGLE PHASE AUTO TRANSFORMER

Publication
EP 0254946 B1 19911016 (EN)

Application
EP 87110097 A 19870713

Priority
JP 17659786 A 19860729

Abstract (en)
[origin: EP0254946A1] A shunt winding (I4) and a series winding (I5) are connected in series and wound around a main iron core leg (II) and a first exciting winding unit (I6a), a tap winding (I7) and a second exciting winding unit (I6b) are wound around a side iron core leg (I2) and arranged in the recited order. The series circuit of the first exciting winding unit (I6a) and the second exciting winding unit (I6b) is connected in parallel with the shunt winding (I4), such that transformer impedance variation, which is caused when the tap position is changed over, is limited.

IPC 1-7
H01F 29/02; **H01F 31/02**

IPC 8 full level
H01F 29/02 (2006.01); **H01F 30/02** (2006.01)

CPC (source: EP)
H01F 29/02 (2013.01); **H01F 30/02** (2013.01)

Cited by
US6049266A; CN107546015A

Designated contracting state (EPC)
DE IT SE

DOCDB simple family (publication)
EP 0254946 A1 19880203; **EP 0254946 B1 19911016**; DE 3773785 D1 19911121; JP H0588523 B2 19931222; JP S6333804 A 19880213

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