

Title (en)
TWIN COIL

Publication
EP 0351583 B1 19930428 (DE)

Application
EP 89111446 A 19890622

Priority
DE 3824642 A 19880720

Abstract (en)
[origin: JPH0273610A] PURPOSE: To improve the productivity of a twin coil having excellent characteristics, by providing windings of opposite polarities by arranging individual coils on a common coil bobbin with a substantial gap between each coil, so that undesirable coupling can become the minimum. CONSTITUTION: A coil bobbin 1 is provided with four flanges 2 which define two winding divisions 3 and 4. The relative positions of the two cores 9 and 10 are settled and windings are arranged at the winding divisions 3 and 4 of the bobbin 1. A vertical winding W3A is connected to a compensating winding 8 marked with W3B, composed of several turns, and reversely extended over the full winding width in the division 3 which houses a secondary drive winding 6 marked with W1 and a primary drive winding 7 marked with W2. Since a twin coil is constituted in such a way, the productivity of the twin coil can be improved.

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H01F 17/04; **H01F 19/02**; **H04N 3/195**

IPC 8 full level
H01F 30/00 (2006.01); **H01F 17/04** (2006.01); **H01F 19/02** (2006.01); **H01F 27/00** (2006.01); **H01F 38/42** (2006.01)

CPC (source: EP KR US)
H01F 17/02 (2013.01 - KR); **H01F 17/045** (2013.01 - EP US); **H01F 38/42** (2013.01 - EP US); **H01F 2017/0053** (2013.01 - EP US)

Cited by
EP0503370A1; EP0729160A1; US5751205A

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DOCDB simple family (publication)
EP 0351583 A1 19900124; **EP 0351583 B1 19930428**; AT E88833 T1 19930515; DE 3824642 A1 19900201; DE 3824642 C2 19910718; DE 58904180 D1 19930603; ES 2041373 T3 19931116; JP H0273610 A 19900313; KR 900002361 A 19900228; KR 920001164 B1 19920206; US 4973930 A 19901127

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