

Title (en)

Air-cooled dry type transformer or inductance.

Title (de)

Trockentransformator oder Drosselspule mit Luftkühlung.

Title (fr)

Transformateur ou inductance du type à sec refroidi par air.

Publication

EP 0061608 A1 19821006 (DE)

Application

EP 82101788 A 19820306

Priority

DE 3113139 A 19810401

Abstract (en)

Air-cooled dry-type transformers or air-cooled inductances with at least one winding, arranged about the core and cast in a solidified cast mass, and axially running cooling channels between the windings and/or the winding and the core, in which at least one earthed, electrically conductive, non-magnetic screen (14), extending above the height of the winding, is arranged between at least in each case two windings and/or between the winding next to the core and the core, circumferentially surrounding, or virtually surrounding, the core. On at least one side, the screen is fastened to a compact cast-mass sleeve, allocated to a winding and bounding an air channel, or is cast into the cast mass, at least the inner side (air channel side) of the high-tension winding, if fitted, being provided with a screen (14). The screen (14) consists preferably of a cylindrically bent metal-wire gauze. <IMAGE>

IPC 1-7

H01F 27/02; **H01F 27/32**; **H01F 27/36**

IPC 8 full level

H01F 27/02 (2006.01); **H01F 27/08** (2006.01); **H01F 27/32** (2006.01); **H01F 27/36** (2006.01)

CPC (source: EP US)

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Citation (search report)

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