

Title (en)
INDUCTIVE RESISTOR SYSTEM

Title (de)
INDUKTIVITÄTSANORDNUNG

Title (fr)
ENSEMBLE INDUCTIF

Publication
EP 1095383 A1 20010502 (DE)

Application
EP 00907631 A 20000225

Priority
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• EP 0001582 W 20000225

Abstract (en)
[origin: US6628191B1] An inductance arrangement is directed to inductors, chokes and transformers with a very high power density. Chokes comprise a magnetic circuit and an electrical circuit, the latter usually comprising a copper winding. The inductance arrangement improves cooling of the magnetic circuit, efficiency of the induction arrangement, and reduces the consumption of material for the windings for a lower weight and a reduced structural size. Individual plate packs in the induction arrangement are displaced relative to each other to increase the surface area at both sides of the iron core. Displacement of the plates of the limbs allows for effective cooling passages or ducts between the core and the surrounding winding.

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H01F 27/08; **H01F 27/245**

IPC 8 full level
H01F 27/08 (2006.01); **H01F 27/245** (2006.01); **H01F 37/00** (2006.01)

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Citation (search report)
See references of WO 0067265A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 6628191 B1 20030930; AT E239297 T1 20030515; AU 2915100 A 20001117; AU 738507 B2 20010920; BR 0006092 A 20010320; CA 2332363 A1 20001109; CA 2332363 C 20031111; DE 19920268 C1 20001019; DE 50001942 D1 20030605; DK 1095383 T3 20030818; EP 1095383 A1 20010502; EP 1095383 B1 20030502; ES 2194703 T3 20031201; HK 1036874 A1 20020118; JP 2002543606 A 20021217; PT 1095383 E 20030930; WO 0067265 A1 20001109

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