

Title (en)
SWINGING CHOKE

Title (de)
SCHWINGDROSSEL

Title (fr)
BOBINE A INDUCTANCE VARIABLE

Publication
EP 1405322 B1 20060913 (DE)

Application
EP 02754873 A 20020711

Priority
• DE 10133601 A 20010711
• DE 10216846 A 20020416
• EP 0207760 W 20020711

Abstract (en)
[origin: US6903648B2] An oscillating inductor has a symmetrical double-E core, which has two geometrically identical core windows, a cuboid center limb and two cuboid outer limbs. The double-E core is designed such that a longitudinal cross sectional area of the center limb is greater than 90 mm², with a longitudinal cross section being regarded as a cross section which would separate the double-E core into two single E-cores, and the cross section being at right angles to the longitudinal cross section such that the double-E can be identified in the cross section, with the double-E core being located in a component volume of less than 26.5 mmx26.5 mmx15 mm (widthxdepthxheight).

IPC 8 full level
H01F 38/10 (2006.01); **H01F 5/02** (2006.01); **H01F 17/04** (2006.01); **H01F 27/32** (2006.01); **H01F 27/34** (2006.01); **H01F 37/00** (2006.01); **H01F 41/02** (2006.01); **H01F 27/29** (2006.01)

CPC (source: EP US)
H01F 5/02 (2013.01 - EP US); **H01F 17/04** (2013.01 - EP US); **H01F 41/02** (2013.01 - EP US); **H01F 27/292** (2013.01 - EP US)

Cited by
WO2010089413A1; DE102009008110A1

Designated contracting state (EPC)
AT DE FR GB IT

DOCDB simple family (publication)
WO 03007318 A2 20030123; **WO 03007318 A3 20031127**; **WO 03007318 B1 20031224**; AT E339769 T1 20061015; DE 20217539 U1 20030417; DE 50208151 D1 20061026; EP 1405322 A2 20040407; EP 1405322 B1 20060913; US 2004140775 A1 20040722; US 6903648 B2 20050607

DOCDB simple family (application)
EP 0207760 W 20020711; AT 02754873 T 20020711; DE 20217539 U 20020711; DE 50208151 T 20020711; EP 02754873 A 20020711; US 75340204 A 20040109