Title (en)
OPTIMISED SOLENOID WINDING

Title (de)
OPTIMIERTE ELEKTROMAGNETSPULUNG

Title (fr)
BOBINAGE SOLENOIDE OPTIMISE

Publication
EP 2089890 A1 20090819 (FR)

Application
EP 07870362 A 20071130

Priority
- FR 2007001967 W 20071130
- FR 0610521 A 20061201

Abstract (en)
[origin: FR2909482A1] The winding (13) has rectangular disjointed turns (14), where each turn has predetermined dimensions such as lengths, widths, thicknesses (EBOB1-5) and heights (ISOL1-5). One of the dimensions of the turns is variable and individually determined with respect to a position of the turns along the winding and predetermined magnetic characteristic of the winding. A value of an interval (INT1-4) between the adjacent turns is constant.

IPC 8 full level
H01F 5/00 (2006.01)

CPC (source: EP US)
H01F 17/0033 (2013.01 - EP US); H01F 27/34 (2013.01 - EP US); H01F 2017/0073 (2013.01 - EP US)

Citation (search report)
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Designated contracting state (EPC)
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FR 2909482 A1 20080606; EP 2089890 A1 20090819; JP 2010511301 A 20100408; US 2010066472 A1 20100318; WO 2008071886 A1 20080619

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FR 0610521 A 20061201; EP 07870362 A 20071130; FR 2007001967 W 20071130; JP 2009538747 A 20071130; US 31242207 A 20071130