

Title (en)  
Housing for an electric machine

Title (de)  
Gehäuse für eine elektrische Maschine

Title (fr)  
Boîtier pour une machine électrique

Publication  
**EP 2346052 B1 20160420 (DE)**

Application  
**EP 10000374 A 20100116**

Priority  
EP 10000374 A 20100116

Abstract (en)  
[origin: EP2346052A1] The housing (18) has a cooling system (20), cooling channels through which cooling fluid flows, and vertical channels (26, 28) for cooling medium e.g. gaseous medium, which flows around an electric machine (10), where the housing accommodates the electric machine and the cooling system and forms hermetic encapsulation. A part of one of the cooling channels rest on a surface of windings (19) of the electric machine. The cooling channels are formed by individual pipes and by a corrugated structure made of metal, plastic, corrugated sheet or corrugated glass.

IPC 8 full level  
**H01F 27/02** (2006.01); **H01F 27/08** (2006.01)

CPC (source: EP US)  
**H01F 27/025** (2013.01 - EP US); **H01F 27/08** (2013.01 - EP US)

Citation (examination)  
US 4512387 A 19850423 - RODRIGUEZ LARRY A [US], et al

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**EP 10000374 A 20100116**; CN 201110022200 A 20110114; US 98760311 A 20110110