

Title (en)

HIGH THERMAL CONDUCTIVITY INSULATING MEMBER AND ITS MANUFACTURING METHOD, ELECTROMAGNETIC COIL, AND ELECTROMAGNETIC DEVICE

Title (de)

ISOLATIONSELEMENT MIT HOHER THERMISCHER LEITFÄHIGKEIT, VERFAHREN ZU DESSEN HERSTELLUNG, ELEKTROMAGNETISCHE SPULE UND ELEKTROMAGNETISCHE VORRICHTUNG

Title (fr)

ELEMENT ISOLANT A CONDUCTIVITE THERMIQUE ELEVEE ET SON PROCEDE DE FABRICATION, BOBINE ELECTROMAGNETIQUE ET DISPOSITIF ELECTROMAGNETIQUE

Publication

**EP 1530223 A4 20060628 (EN)**

Application

**EP 03741216 A 20030704**

Priority

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Abstract (en)

[origin: EP1530223A1] The present invention provides a solution to the above-described drawbacks, and more specifically, as the tape-like or sheet-like insulation member, the resin matrix in which the first particles having a heat conductivity of 1 W/mK or higher and 300 W/mK or lower, that are diffused in the resin matrix, and the second particles having a heat conductivity of 0.5 W/mK or higher and 300 W/mK or lower, are diffused, is employed. <IMAGE>

IPC 1-7

**H01B 3/00**; **H01B 17/60**; **H01B 19/00**; **H01F 5/06**; **H01F 27/32**

IPC 8 full level

**H01F 27/22** (2006.01); **H01F 41/12** (2006.01); **H01F 5/06** (2006.01); **H01F 27/32** (2006.01)

CPC (source: EP)

**H01F 27/22** (2013.01); **H01F 41/127** (2013.01); **H01F 5/06** (2013.01); **H01F 27/323** (2013.01); **H01F 27/327** (2013.01)

Citation (search report)

- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 13 5 February 2001 (2001-02-05)
- See references of WO 2004006271A1

Cited by

US10629353B2; KR101405836B1; FR3045923A1; FR3045922A1; EP1772877A1; US10410784B2; WO2017103078A1; WO2007114873A1; WO2006118536A1; WO2017103075A1; US10748700B2

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