

Title (en)

COMPOSITE MATERIAL HAVING A LOW THERMAL EXPANSIVITY

Publication

EP 0158187 A3 19870923 (EN)

Application

EP 85103317 A 19850321

Priority

- JP 7211084 A 19840411
- JP 14536084 A 19840713
- JP 15617784 A 19840726
- JP 16436384 A 19840806

Abstract (en)

[origin: EP0158187A2] A composite material having a low thermal expansivity obtained by combining 10 to 60 wt. % of a powdery Li₂O-Al₂O₃-SiO₂ mineral with 40 to 90 wt. % of one or more members selected from the group consisting of metals of Fe, Cu, Ni, Co, Mo, Ti, Cr, Al, Mn, Si, Zn, Ben and W and alloys of two or more of these metals to form the composite material containing the metal(s) having a reduced coefficient of thermal expansion.

IPC 1-7

C22C 32/00; **C22C 29/12**; **C22C 38/00**; **C22C 38/14**; **C22C 29/00**

IPC 8 full level

C22C 29/00 (2006.01); **C22C 32/00** (2006.01); **C22C 49/00** (2006.01)

CPC (source: EP)

C22C 29/00 (2013.01); **C22C 32/0089** (2013.01); **C22C 49/00** (2013.01)

Citation (search report)

- US 3985513 A 19761012 - SILAEV ALEXANDR FEDOROVICH, et al
- DE 2018770 B2 19750130
- EP 0094970 A1 19831130 - TOYOTA MOTOR CO LTD [JP], et al
- GB 1523186 A 19780831 - HITACHI LTD

Cited by

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Designated contracting state (EPC)

DE FR IT SE

DOCDB simple family (publication)

EP 0158187 A2 19851016; **EP 0158187 A3 19870923**; **EP 0158187 B1 19900110**; DE 3575311 D1 19900215

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