Title (en)

HOT PRESSED PERMANENT MAGNET HAVING HIGH AND LOW COERCIVITY REGIONS

Publication

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Application

EP 85305656 A 19850809

Priority

US 65062384 A 19840914

Abstract (en)

[origin: EP0174735A2] In accordance with a preferred embodiment of the invention, an arcuate magnet (36) is formed by selectively hot-working a composition including iron,neodymium and or praseodymium, and boron so that an edge (40) of the arcuate magnet has greater apparent coercivity than a central region (38) and the central region (38) has a higher remanence than the edge (40).

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IPC 8 full level

H01F 7/02 (2006.01); **H01F 1/057** (2006.01); **H01F 41/02** (2006.01)

CPC (source: EP)

H01F 1/0576 (2013.01)

Citation (search report)

- [Y] GB 2057194 A 19810325 - STATNI VYZKUMNY USTAV MATERIAL
- [YD] EP 0108474 A2 19840516 - GEN MOTORS CORP [US]
- [A] WO 8300264 A1 19830120 - HITACHI METALS LTD [JP]
- [A] PATENT ABSTRACTS OF JAPAN, vol. 8, no. 81 (E-238)[1518], 13th April 1984; & JP-A-59 002 555 (HITACHI SEISAKUSHO K.K.) 09-01-1984

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