

Title (en)
Metal/ferrite laminate magnet

Title (de)
Laminierter Metall/Ferrit Magnet

Title (fr)
Aimant laminé métal/ferrite

Publication
EP 0877396 B1 20020717 (EN)

Application
EP 98303261 A 19980427

Priority
• US 85428597 A 19970509
• US 85428497 A 19970509

Abstract (en)
[origin: EP0877396A1] A metal/ferrite laminate magnet (100) has perforations forming apertures (125) in the magnet (100). The magnet is formed of outside metal plates (105) surrounding a sandwich of two layers of ferrite material (115). The outside metal plates (105) allow the perforations (125) to be made in the magnet (100) before sintering of the magnet (100) and maintain the alignment of the holes (125) during sintering. The metal plates (105) also provide the magnet (100) with mechanical robustness and rigidity and prevent cracking occurring between adjacent apertures (125).
<IMAGE>

IPC 1-7
H01F 7/02; **H01F 41/02**; **H01J 29/68**

IPC 8 full level
H01F 7/02 (2006.01); **H01F 41/16** (2006.01); **H01J 29/68** (2006.01)

CPC (source: EP)
H01F 7/0278 (2013.01); **H01F 41/16** (2013.01); **H01J 29/68** (2013.01)

Cited by
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DE FR GB

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