

Title (en)
PROCESS FOR PREPARING ACICULAR FERROMAGNETIC IRON PARTICLES, AND THEIR USE

Publication
EP 0024692 A3 19810826 (DE)

Application
EP 80104974 A 19800821

Priority
DE 2935357 A 19790901

Abstract (en)
[origin: US4295879A] A process for the manufacture of acicular ferromagnetic iron particles by reducing an iron(III) oxide which carries a shape-stabilizing surface coating and has been produced by heating acicular iron(III) oxide hydroxide at 250 DEG -390 DEG C. in an atmosphere containing water vapor at a partial pressure of not less than 30 mbar, with hydrogen at 275 DEG -425 DEG C.

IPC 1-7
H01F 1/06; **B22F 9/22**; **G11B 5/70**

IPC 8 full level
G11B 5/706 (2006.01); **B22F 9/22** (2006.01); **C01G 49/02** (2006.01); **C09D 5/23** (2006.01); **C09D 7/12** (2006.01); **G11B 5/70** (2006.01); **H01F 1/06** (2006.01)

CPC (source: EP US)
B22F 9/22 (2013.01 - EP US); **H01F 1/061** (2013.01 - EP US); **H01F 1/065** (2013.01 - EP US)

Citation (search report)

- CH 528320 A 19720930 - STAMICARBON [NL]
- [D] FR 2385476 A1 19781027 - BASF AG [DE]
- [D] FR 2368131 A1 19780512 - BASF AG [DE]

Cited by
US4933004A

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DE FR GB NL

DOCDB simple family (publication)
EP 0024692 A2 19810311; **EP 0024692 A3 19810826**; **EP 0024692 B1 19840328**; DE 2935357 A1 19810910; DE 3067268 D1 19840503; JP S5641835 A 19810418; US 4295879 A 19811020

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