

Title (en)

METHOD FOR THE BORATION OF IRON ARTICLES

Publication

EP 0387536 B1 19930630 (DE)

Application

EP 90102922 A 19900215

Priority

DE 3908200 A 19890314

Abstract (en)

[origin: EP0387536A1] In order to obtain uniform and standard layers of Fe₂B on parts made of iron materials, the parts are heated with the boriding agent, initially only to 550 - 600 DEG C, after which a period is allowed until temperature equilibration takes place within the batch, and finally the batch is heated as rapidly as possible to the boriding temperatures of 850 DEG C or higher.

IPC 1-7

C23C 8/70

IPC 8 full level

C23C 8/70 (2006.01)

CPC (source: EP)

C23C 8/70 (2013.01)

Citation (examination)

- DE 2633137 A1 19780202 - DEGUSSA
- DE 1796212 B1 19720531 - INST HAERTEREI TECHNIK

Cited by

WO2013138597A1; US8894770B2; US9068260B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0387536 A1 19900919; EP 0387536 B1 19930630; AT E91158 T1 19930715; DE 3908200 C1 19890907; DE 59001874 D1 19930805; DK 0387536 T3 19930802; ES 2044259 T3 19940101; JP H0310062 A 19910117

DOCDB simple family (application)

EP 90102922 A 19900215; AT 90102922 T 19900215; DE 3908200 A 19890314; DE 59001874 T 19900215; DK 90102922 T 19900215; ES 90102922 T 19900215; JP 6130990 A 19900314