

Title (en)

PROCESS FOR HOT BRIQUETING GRANULAR SPONGE IRON

Title (de)

VERFAHREN ZUM HEISSBRIKETTIEREN VON KÖRNIGEM EISENSCHWAMM

Title (fr)

PROCEDE DE BRIQUETAGE A CHAUD D'EPONGE DE FER GRANULEUSE

Publication

EP 0865505 A1 19980923 (DE)

Application

EP 96943042 A 19961205

Priority

- DE 19545985 A 19951209
- EP 9605446 W 19961205

Abstract (en)

[origin: DE19545985A1] The granular sponge iron is fed into a roller press at temperatures of 600-850 DEG C to form hot briquets. A strip structure is thereby formed from sponge iron with ausformed hot briquets separated from one another by gaps. The strip structure is smashed to isolate the hot briquets, during this operation fragments of strip structure are produced. The hot briquets and at least some of the fragments are cooled to between 20 and 400 DEG C and the cooled briquets and fragments are led through a revolving drum. Inside the latter, fine-grained abrasion material is produced from the briquets and fragments. This is then separated from the briquets and fragments since it is pyrophorous.

IPC 1-7

C21B 13/00

IPC 8 full level

C21B 13/00 (2006.01); **C22B 1/24** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 9721840A1

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BE DE DK ES FR GB IT NL SE

DOCDB simple family (publication)

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