

Title (en)

PROCESS AND INSTALLATION FOR TREATING OIL-CONTAINING MILL SCALE AND SIMILAR MATERIALS

Publication

EP 0446779 A3 19911016 (DE)

Application

EP 91103449 A 19910307

Priority

DE 4008027 A 19900310

Abstract (en)

[origin: EP0446779A2] To remove oil from oil-containing wet mill scale, mill-scale sludge and similar substances, these substances are treated in a continuous furnace (12) combined with an iron-ore sintering plant. Hot cooler exhaust air from the sintering cooler (5) flows in countercurrent to the mill scale through the continuous furnace (12). In this process, the scale is dried and some of the oil is burnt. The cooler exhaust air is then fed with the volatile oils into the ignition furnace (3) of the sintering machine (1) as combustion air and the residual oils are burnt therein. This prevents unburnt oils depositing in the electrostatic filter (8). Dry mill scale freed of oil can be fed to the mixed material (17). <IMAGE>

IPC 1-7

C22B 1/00; **C22B 1/26**

IPC 8 full level

C22B 1/00 (2006.01); **B09B 3/00** (2006.01); **C22B 1/16** (2006.01); **C22B 1/20** (2006.01); **C22B 1/26** (2006.01); **C23G 5/00** (2006.01); **F27B 21/06** (2006.01); **F27B 21/08** (2006.01)

CPC (source: EP)

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Citation (search report)

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