

Title (en)

PROCESS FOR THE PRODUCTION OF AN AGGLOMERATED BURDEN FOR ZINC SHAFT FURNACES

Publication

EP 0056880 B1 19840620 (DE)

Application

EP 81201243 A 19811102

Priority

DE 3101886 A 19810122

Abstract (en)

[origin: US4525207A] Calcine which has been obtained by roasting in a fluidized bed and contains zinc oxide is briquetted at elevated temperatures. To produce briquettes having desirable properties for processing in a zinc-producing shaft furnace, the calcine is provided with metallic lead and/or lead oxide in an amount corresponding to at least 3% lead, non-caking coal having a low content of volatile constituents is admixed to the calcine, the Pb:C weight ratio is adjusted to at least 1, and the mixture is briquetted at a compacting temperature of 250 DEG to 470 DEG C. and under an applied pressure amounting to 4 to 20 metric tons per centimeter or roll width when said pressure is dynamically measured.

IPC 1-7

C22B 1/24; **C22B 19/02**

IPC 8 full level

C22B 1/14 (2006.01); **C22B 1/24** (2006.01); **C22B 19/02** (2006.01)

CPC (source: EP US)

C22B 1/24 (2013.01 - EP US); **C22B 19/02** (2013.01 - EP US)

Cited by

US5525929A; EP0215210A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0056880 A1 19820804; **EP 0056880 B1 19840620**; DE 3101886 A1 19820826; DE 3164341 D1 19840726; JP S57143446 A 19820904; PL 234779 A1 19820816; RO 84192 A 19840523; RO 84192 B 19840730; US 4525207 A 19850625

DOCDB simple family (application)

EP 81201243 A 19811102; DE 3101886 A 19810122; DE 3164341 T 19811102; JP 823582 A 19820121; PL 23477982 A 19820121; RO 10632782 A 19820114; US 57048184 A 19840113