

Title (en)
PROCESS AND PLANT FOR TWO-STAGE GRINDING OF BRITTLE MATERIALS

Publication
EP 0447669 B1 19930623 (DE)

Application
EP 90125239 A 19901221

Priority
DE 4005323 A 19900220

Abstract (en)
[origin: DE4005323A1] The plant comprises a first crushing stage with a prim. mill (1) and a controllable input conveyor (8). Beyond the first stage is a second stage intended for prodn. of fine powder, and which incorporates a sec. mill (3) and a wind sifter (4) arranged in a rotary crushing system. In the wind sifter, crushed material is sepd. into fine and coarse quantities, the fine material being fed back to the sec. mill. A regulating device for the second stage, acts constantly on material coming from the first stage and the coarse material fed back to the second stage from the wind sifter. The first stage also functions as a rotary crushing system, incorporating a first wind sifter (2) to which is fed the total amt. of pre-crushed material (18) from the prim. mill (1). The wind sifters (2,4) in both cases are of the basket or dispersal plate type.

IPC 1-7
B02C 21/00; **B02C 23/12**

IPC 8 full level
B02C 21/00 (2006.01); **B02C 23/12** (2006.01)

CPC (source: EP US)
B02C 21/005 (2013.01 - EP US); **B02C 23/12** (2013.01 - EP US)

Cited by
EP0650763A1; CN107715979A; DE102006017510A1; EP0629448A3; CN102008989A

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