

Title (en)

Air classifier for sifting a granular material, and grinding plant employing such a classifier.

Title (de)

Sichter zum Sichten von körnigem Gut und Mahlanlage mit Einschaltung eines solchen Sichters.

Title (fr)

Séparateur pneumatique pour trier des matériaux granulaires et installation de broyage comportant un tel séparateur.

Publication

**EP 0384101 B1 19951011 (DE)**

Application

**EP 90100132 A 19900104**

Priority

DE 3905123 A 19890220

Abstract (en)

[origin: EP0384101A1] In order to ensure in a recirculating grinding plant having a choke feed roll press (27), tube mill (26) and air classifier (10) with recirculation of the classifier oversizes that as far as possible no energy-consuming problems relating to ventilation and the pressing of material occur in the choke bed in the roll nip of the roll press, it is proposed to build into the recirculating grinding plant an air classifier (10) such as is characterised by at least two mutually separate oversize removal openings, to be precise a removal opening (19, 20) for coarse oversizes and a removal opening (22, 23) separate therefrom for finer oversizes, and to recirculate to the high-pressure roll press (27) only the coarse oversizes, and to the tube mill (26) only the finer oversizes. <IMAGE>

IPC 1-7

**B07B 7/083**

IPC 8 full level

**B02C 23/32** (2006.01); **B07B 7/083** (2006.01); **B07B 11/06** (2006.01)

CPC (source: EP US)

**B02C 23/32** (2013.01 - EP US); **B07B 7/083** (2013.01 - EP US); **B07B 11/06** (2013.01 - EP US)

Citation (examination)

W.H. DUDA, "Cement Databook", 1976 Wiesbaden, S. 168, "Zementvermahlung " und S. 234 "Windsichter"

Cited by

FR2693667A1; EP0829303A1; CN1056787C; RU2623761C2; WO2016062428A1

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