

Title (en)
Vertical roller mill.

Title (de)
Vertikale Rollermühle.

Title (fr)
Broyeur à galets vertical.

Publication
EP 0068681 A2 19830105 (EN)

Application
EP 82302980 A 19820609

Priority
GB 8119812 A 19810626

Abstract (en)
A vertical roller mill has a grinding table (1) with grinding rollers (3). Conveying air passes through nozzles (5) and entrains ground material which is carried into a separator (6) where fine material passes out through a top outlet (11). Coarse material falls through a bottom outlet (8) to the grinding table for further grinding. The adverse pressure difference across the outlet (8), impeding the flow of coarse material is counteracted by an ejector (12), which is fed from the source of conveying air and blows downwards through the outlet (8).

IPC 1-7
B02C 15/06

IPC 8 full level
B02C 15/04 (2006.01); **B02C 15/00** (2006.01)

CPC (source: EP)
B02C 15/007 (2013.01); **B02C 2015/002** (2013.01)

Cited by
CN106902926A; EP0979675A1; CN102892510A; CN118080082A; EP0294609A3; DE3718781A1; US4909450A; US8528844B2; US8899163B2; WO2010012529A1

Designated contracting state (EPC)
BE DE FR GB IT LU NL

DOCDB simple family (publication)
EP 0068681 A2 19830105; EP 0068681 A3 19830608; AU 8404882 A 19830106; BR 8203714 A 19830621; DK 262182 A 19821227; GB 2100617 A 19830106; JP S586248 A 19830113

DOCDB simple family (application)
EP 82302980 A 19820609; AU 8404882 A 19820521; BR 8203714 A 19820625; DK 262182 A 19820611; GB 8119812 A 19810626; JP 10966382 A 19820625