

Title (en)
ROLL PRESS OR MILL.

Title (de)
WALZENPRESSE ODER -MÜHLE.

Title (fr)
PRESSE OU BROYEUR A CYLINDRES.

Publication
EP 0514432 B1 19940330 (DE)

Application
EP 91903660 A 19910201

Priority
DE 4003342 A 19900205

Abstract (en)
[origin: WO9111320A1] Roll press or mill with two adjacent rolls (2, 4) with co-operating compression surfaces, mounted in bearing housings located between an upper and a lower box girder, one roll being adjustable, with a material feed system with at least one fill chamber (6) with walls (22, 24) parallel to the roll axes and extending into the roll slit (8) and with means to eliminate the air entering the roll slit with the material, provided with air admission holes in the region of the roll slit leading into an air collection chamber connected with air outlets. On each side of the fill chamber walls, parallel to the axes, chambers (16, 18) extend essentially over the breadth of the compression surfaces of the rolls and are closed at their ends. The chambers are each connected to the roll slit by means of a passage (28, 30) formed between the compression surfaces at the perimeter of the rolls and the lower end of the walls adjacent to the walls of the filling chamber. The chambers (16, 18) are provided with air outlets (34, 36).

IPC 1-7
B30B 15/30

IPC 8 full level
B30B 3/00 (2006.01); **B02C 4/02** (2006.01); **B02C 4/28** (2006.01); **B30B 9/20** (2006.01); **B30B 11/16** (2006.01); **B30B 11/18** (2006.01); **B30B 15/00** (2006.01); **B30B 15/30** (2006.01)

CPC (source: EP US)
B02C 4/286 (2013.01 - EP US); **B30B 11/16** (2013.01 - EP US); **B30B 15/0017** (2013.01 - EP US); **B30B 15/308** (2013.01 - EP US); **Y10S 100/907** (2013.01 - EP US)

Designated contracting state (EPC)
DE DK FR

DOCDB simple family (publication)
WO 9111320 A1 19910808; BR 9105991 A 19921110; DE 4003342 A1 19910808; DE 4003342 C2 19920604; DE 59101285 D1 19940505; DK 0514432 T3 19940509; EP 0514432 A1 19921125; EP 0514432 B1 19940330; JP H05503880 A 19930624; JP H066240 B2 19940126; US 5271319 A 19931221

DOCDB simple family (application)
EP 9100189 W 19910201; BR 9105991 A 19910201; DE 4003342 A 19900205; DE 59101285 T 19910201; DK 91903660 T 19910201; EP 91903660 A 19910201; JP 50343291 A 19910201; US 91600892 A 19920804