

Title (en)

Roller mill of the horizontal roll type for cereals.

Title (de)

Walzenmühle für Getreide mit waagrecht angeordneten Mahlwalzen.

Title (fr)

Moulin à cylindres du type horizontal pour céréales.

Publication

EP 0124872 A2 19841114 (EN)

Application

EP 84104957 A 19840503

Priority

IT 8411483 A 19830506

Abstract (en)

The cereal roller mill comprises at least one pair of horizontal rolls (6,6 min), of which one (6) is fixed and is supported by supports (5) applied to the machine shoulders (2) and one (6 min) is mobile and mounted on supports (5 min) which are hinged to said shoulders (2) and operated by lever and cam systems during the attack and withdrawal movements, and further comprises adjustment members operable from the outside for horizontally moving the two supports (5 min) for the mobile roll (6 min) independently of each other. Each support (5 min) for the mobile roll (6 min) is hinged at one end to a cylindrical member (12) eccentrically mounted on a pin (13) for connection to the corresponding shoulder (2) and rigid with an adjustment member (14, 15, 16, 17) operable from the outside, and is connected at its other end to a member (23) for controlling the attack and withdrawal movements, by way of a member (24, 25) which is elastically yieldable in the withdrawal direction. Further elastic members (18) are provided having one end connected to the shoulder (2) at points separated from the supports (5) for the fixed roll (6), and having their other end connected to the mobile supports (5 min) and acting in the withdrawal direction.

IPC 1-7

B02C 4/38

IPC 8 full level

B02C 4/38 (2006.01)

CPC (source: EP)

B02C 4/38 (2013.01)

Cited by

EP0429658A4; EP0428183A3; EP0598705A3; WO9313857A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0124872 A2 19841114; EP 0124872 A3 19860205; ES 532682 A0 19850401; ES 8503522 A1 19850401; IT 1172828 B 19870618; IT 8384114 A0 19830506

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