

Title (en)

Cereal flaking mill.

Title (de)

Mühle zur Herstellung von Getreideflocken.

Title (fr)

Moulin pour la production de flocons de céréales.

Publication

EP 0212882 A2 19870304 (EN)

Application

EP 86305880 A 19860730

Priority

US 76342385 A 19850807

Abstract (en)

A roll mill has a pair of rotatably mounted rolls (14, 16), together with means (30, 32, 34) for driving the rolls in opposite direction, guide means (24) for feeding material to be milled into the nip between the rolls and means beneath the rolls for collecting the milled product. Each roll includes a through shaft (160) on which a set (64, 74) of concentric sleeves are mounted with a spiral coolant flow passage (76) defined between the sleeves. The outer sleeve (74) is of hardened metal and a coolant inlet (110) at one end of the through shaft is in communication with the spiral flow path and a coolant outlet (116) at the other end of the through shaft is similarly in communication with the spiral coolant flow path. Disposed between the shaft and the set of concentric sleeves is nonmetallic expanding aggregate material (68) of lower density than that of either the shaft or the sleeves.

IPC 1-7

B02C 4/44; **B02C 4/30**

IPC 8 full level

B02C 4/06 (2006.01); **B02C 4/30** (2006.01); **B02C 4/44** (2006.01)

CPC (source: EP KR)

B02C 4/00 (2013.01 - KR); **B02C 4/30** (2013.01 - EP); **B02C 4/44** (2013.01 - EP)

Cited by

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EP 0212882 A2 19870304; **EP 0212882 A3 19880427**; CN 86104859 A 19870401; JP H0657323 B2 19940803; JP S6233553 A 19870213; KR 870001872 A 19870328

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