Title (en)

Sealing device for the protective hood of a drum mill

Title (de)

Vorrichtung zur Abdichtung einer Schutzhaube eines Mühlenkörpers

Title (fr)

Dispositif d'étanchéité pour capot protecteur d'un broyeur tubulaire

Publication

EP 0774299 B1 20011212 (DE)

Application

EP 96116398 A 19961012

Priority

DE 19542563 A 19951115

Abstract (en)

[origin: EP0774299A1] The seal provides an oil proof seal for the fixed protective hood (6) of a rotating millstone. It includes at least one fixed sealing cord (7) pressed over a compressible prestressed ring (9) against a running track (8) rotating with the millstone. A holding ring (10) is connected to the hood. This ring, with part of the hood's side wall, forms an expansion cavity for the sealing cord and the compressible ring. A brush ring (12) may be connected to the holding ring on the side of the cord facing away from the hood, with its brushes (13) on the running track.

IPC 1-7

B02C 17/18

IPC 8 full level

B02C 17/18 (2006.01)

CPC (source: EP US)

B02C 17/181 (2013.01 - EP US); Y10S 277/903 (2013.01 - EP US)

Cited by

CN102580825A; CN103990516A; WO2004028696A1; US7237297B2

Designated contracting state (EPC)

CH DE DK FR LI

DOCDB simple family (publication)

EP 0774299 A1 19970521; **EP 0774299 B1 20011212**; DE 19542563 A1 19970522; DE 59608433 D1 20020124; DK 0774299 T3 20020402; US 5769428 A 19980623

DOCDB simple family (application)

EP 96116398 A 19961012; DE 19542563 A 19951115; DE 59608433 T 19961012; DK 96116398 T 19961012; US 74151696 A 19961031