

Title (en)

Pulverizer having rotatable grinding table with replaceable air port segments.

Title (de)

Zerkleinerer mit drehbarer Mahlschüssel und auswechselbaren Lufteinlässen.

Title (fr)

Installation de broyage ayant une cuve rotative et des segments de canalisation du flux d'air démontables.

Publication

**EP 0409498 A2 19910123 (EN)**

Application

**EP 90307681 A 19900713**

Priority

US 38237489 A 19890720

Abstract (en)

A pulverizer for particulate material such as coal includes a housing (12) having a centrally located feed chute (24), and encloses a rotary grinding table (14) having an air port unit formed as multiple segments (32) removably attached to the rotary table outer periphery and containing air flow passageways. Located adjacent the air port unit is an outer segmented ring (40) attached rigidly to the pulverizer housing, with a radial gap (42) being provided between the outer ring and the air port unit ring segments (31). The outer ring segments include upper wear plugs (41) removably attached onto the outer ring lower segments (40a). Whenever the upper parts (31a) of the air port unit segments become worn excessively due to erosion, or there is a need to change air flow requirements of the pulverizer, the rotatable air port segmented ring upper parts (31a) only are conveniently replaced along with the upper wear segments (41) of the adjacent outer stationary ring.

IPC 1-7

**B02C 15/00**

IPC 8 full level

**B02C 15/04** (2006.01); **B02C 15/00** (2006.01)

CPC (source: EP)

**B02C 15/001** (2013.01)

Cited by

EP0507983A1; US7926755B2; DE4340195A1; EP0812623A1; EP0804964A3

Designated contracting state (EPC)

ES GB IT

DOCDB simple family (publication)

**EP 0409498 A2 19910123**; **EP 0409498 A3 19910417**; **EP 0409498 B1 19940518**; CA 1311232 C 19921208; ES 2053114 T3 19940716; JP H0380943 A 19910405; JP H0783839 B2 19950913

DOCDB simple family (application)

**EP 90307681 A 19900713**; CA 613409 A 19890927; ES 90307681 T 19900713; JP 18957990 A 19900719