

Title (en)
Milling surface

Title (de)
Mahlbahn

Title (fr)
Piste pour broyeurs

Publication
EP 0804965 A1 19971105 (FR)

Application
EP 97201084 A 19970411

Priority
LU 88753 A 19960430

Abstract (en)
The grinder track consists of a series of segments (16,18) mounted on a turntable and forming a circular grinding surface beneath rollers which grind material as it is poured onto the track. The segments are fitted to a machineable steel sole (20) with outer (26) and inner (24) edges forming recesses for them. The segments are made from a material with a high resistance to wear, such as cast iron or chrome, or of ceramic inserts in metal matrices. They are fixed to the sole by screws (42) and wedging bushes (40). In addition, the sides of the sole recesses have chamfered surfaces which act as dovetail joints for the segments.

Abstract (fr)
La piste est constituée de plusieurs segments supportés par une table rotative et évolue en dessous de galets de broyage pour broyer de la matière déversée sur la piste. Chaque segment est constitué d'une semelle (20) en acier usinable avec un bord extérieur (26) et un bord intérieur (24) définissant un logement pour un segment d'usure ayant une forte résistance à l'usure et fixé de façon amovible sur la semelle (20), la surface supérieure du segment d'usure formant le ou les chemins de roulement. <IMAGE>

IPC 1-7
B02C 15/00

IPC 8 full level
B02C 4/30 (2006.01); **B02C 15/00** (2006.01); **B22D 19/08** (2006.01); **E02F 9/28** (2006.01)

CPC (source: EP US)
B02C 15/003 (2013.01 - EP US)

Citation (search report)

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