

Title (en)

Milling roller and method for its manufacturing

Title (de)

Mahlwalze und Verfahren zu ihrer Herstellung

Title (fr)

Rouleau broyeur et procédé de fabrication correspondente

Publication

EP 1077087 B1 20030528 (DE)

Application

EP 00115889 A 20000725

Priority

- DE 19938652 A 19990814
- DE 10014836 A 20000324

Abstract (en)

[origin: US6523767B1] In order to create a surface armoring suitable for the autogenous wear protection with application of grid armoring technology that exhibits a long service life capability due to high wear-resistance and compressive strength and that can nonetheless be manufactured and repaired relatively simply and cost-beneficially overall, particularly for the grinding rollers of high-pressure roller mills for the pressure comminution of granular material, it is inventively proposed that depressions spaced from one another be formed in the outside surface of the roller jacket and that prefabricated, highly wear-resistant hard bodies be pressed into the depressions, namely onto an adhesive compound that fills out the space provided with cavities between the bottom of the depressions and the underside of the hard bodies that have been fitted in.

IPC 1-7

B02C 4/30

IPC 8 full level

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CPC (source: EP US)

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Cited by

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Designated contracting state (EPC)

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