

Title (en)  
Rollers for high-pressure roller presses.

Title (de)  
Walzen für Hochdruck-Walzenpressen.

Title (fr)  
Rouleaux pour presses à cylindres à haute pression.

Publication  
**EP 0383004 B1 19940316 (DE)**

Application  
**EP 90100133 A 19900104**

Priority  
DE 3904678 A 19890216

Abstract (en)  
[origin: EP0383004A1] In order to construct rollers (10, 11) for roller machines, in particular anti-wear armoured rollers for high-pressure roller presses for material bed crushing of granular material, in such a way that when operating the roller machine a recess-shaped or trough-shaped wear profile (15, 16) or lateral beads do not occur at the front-side ends of the roller surfaces, or only occur after a very long operating time, it is proposed according to the invention to construct the roller surface, which is per se wear-resistant, at its lateral edge regions (17, 18) in terms of wear technology in such a way that the lateral edge regions of the wear-resistant roller surface wear more rapidly in a selective manner, and this higher degree of wear counteracts the occurrence of the lateral beads on the roller surface or is counteracted by a matched roller geometry of the bead formation. <IMAGE>

IPC 1-7  
**B02C 4/30**

IPC 8 full level  
**B02C 4/30** (2006.01)

CPC (source: EP)  
**B02C 4/305** (2013.01)

Cited by  
DE102013021764B4; DE102006003230A1; US5518192A; CN102962652A; DE102013021764A1; DE202014004257U1; WO2020143997A1

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