

Title (en)  
CRUSHING ROLL

Publication  
**EP 0396897 A3 19910320 (DE)**

Application  
**EP 90106145 A 19900330**

Priority  
DE 3915320 A 19890510

Abstract (en)  
[origin: EP0396897A2] This crushing roller intended for use especially in a material bed roller mill, contains a base body and a roller casing composed of individual tightly clamped segments, a plurality of approximately transversely extending and radially aligned metal plates of a relatively soft material being cast into each segment which is manufactured largely from chilled cast iron. The result, a surface profile of the roll casing which remains approximately the same during the service life of the segments, with improved crushing material drawing-in behaviour, is obtained in a simple manner.

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

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

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

Citation (search report)

- [Y] DE 7934607 U1 19801120
- [Y] GB 439895 A 19351217 - JOHN MCINTYRE
- [Y] EP 0271336 A2 19880615 - SHOJI CO LTD ING [JP]

Cited by  
DE4312207A1; EP2862631A1; EP0516952A1; EP2868380A3; CN100457276C; AU2004291333B2; US7497396B2; WO2005049212A1

Designated contracting state (EPC)  
DE DK ES FR GB IT

DOCDB simple family (publication)  
**EP 0396897 A2 19901114; EP 0396897 A3 19910320; EP 0396897 B1 19930602**; BR 9002136 A 19910813; DE 3915320 A1 19901115; DE 59001599 D1 19930708; DK 0396897 T3 19930809; ES 2041071 T3 19931101; US 5000392 A 19910319; ZA 902625 B 19901228

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