

Title (en)  
Composite roll.

Title (de)  
Verbundwalze.

Title (fr)  
Cylindre composite.

Publication  
**EP 0330935 B1 19940105 (DE)**

Application  
**EP 89102783 A 19890217**

Priority  
DE 3806546 A 19880301

Abstract (en)  
[origin: EP0330935A2] The invention relates to a composite roll with a basic roll body (1) made of a steel and with at least one roll ring (3) which forms a working surface of the composite roll, is made of a work material and is accommodated in a seat which is formed in the basic roll body (1), determines the position of the roll ring (3) in one axial direction of the roll and is open in the other axial direction of the roll, and with an end part (4) which is firmly connected to the basic roll body (1) and, together with the seat, fixes the roll ring (3) axially with respect to the roll. The end part (4) is connected to the basic roll body (1) and the roll ring (3) by hot isostatic pressing. <IMAGE>

IPC 1-7  
**B21B 27/02**; **B22F 7/08**

IPC 8 full level  
**B21B 27/02** (2006.01); **B22F 7/06** (2006.01); **B22F 7/08** (2006.01)

CPC (source: EP)  
**B21B 27/035** (2013.01); **B22F 7/062** (2013.01)

Cited by  
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**EP 0330935 A2 19890906**; **EP 0330935 A3 19900926**; **EP 0330935 B1 19940105**; AT E99575 T1 19940115; DE 3806546 C1 19890302; DE 58906608 D1 19940217

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