

Title (en)  
A COOLING ROLL

Title (de)  
KÜHLWALZE

Title (fr)  
ROULEAU DE REFROIDISSEMENT

Publication  
**EP 0565586 B1 19980415 (EN)**

Application  
**EP 92902452 A 19920103**

Priority  
• GB 9200008 W 19920103  
• GB 9100151 A 19910104

Abstract (en)  
[origin: WO9211959A1] A cooling roll comprises a rotatable arbor (1) with an annular sleeve (7) shrunk onto it. There are internal passages (25) in the sleeve for the flow of liquid coolant there along. The internal passages are in communication with ducts (19, 21) in the arbor and the liquid coolant passed along the passages from the ducts forms a thermal barrier in the sleeve between the outer periphery and the interface.

IPC 1-7  
**B22D 11/06**

IPC 8 full level  
**B21B 27/08** (2006.01); **B22D 11/06** (2006.01)

CPC (source: EP KR)  
**B21B 27/08** (2013.01 - EP); **B22D 11/06** (2013.01 - KR); **B22D 11/0682** (2013.01 - EP); **F28F 5/02** (2013.01 - EP)

Cited by  
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Designated contracting state (EPC)  
AT CH DE FR GB IT LI SE

DOCDB simple family (publication)  
**WO 9211959 A1 19920723**; AT E165028 T1 19980515; CA 2099884 A1 19920705; DE 69225131 D1 19980520; DE 69225131 T2 19980806; EP 0565586 A1 19931020; EP 0565586 B1 19980415; GB 9100151 D0 19910220; JP H06507121 A 19940811; KR 100229977 B1 19991115; KR 930703096 A 19931129

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