

Title (en)  
ROLL FOR STRIP ROLLING MILL STANDS

Publication  
**EP 0127590 B1 19871111 (EN)**

Application  
**EP 84830148 A 19840514**

Priority  
IT 2133883 A 19830527

Abstract (en)  
[origin: EP0127590A1] A roll (1) for a strip-metal rolling mill stand, in particular a backing roll for a four-high stand, comprises a cylindrical shell (8a) covering a central zone (9) of the core (8) of the roll, and at least one pair of expansion rings (12) which have outer cylindrical walls. The expansion rings (12) are mounted coaxially on the core (8) at opposite ends of the shell (8a) and lie substantially in contact with the shell (8a) in an axial sense. Each ring (12) can be expanded to the diameter of the shell (8a) by supplying pressurised fluid into an annular chamber (13) formed between each ring (12) and the core (8). By selective expansion of the rings (12) the operative width of the roll (1) can be adapted to the width of strip being rolled.

IPC 1-7  
**B21B 27/02**

IPC 8 full level  
**B21B 27/02** (2006.01); **B21B 27/05** (2006.01)

CPC (source: EP)  
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Cited by  
GB2232106A; EP0465742A1; EP0542384A3; FR2563449A1; WO0006315A1

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DOCDB simple family (publication)  
**EP 0127590 A1 19841205; EP 0127590 B1 19871111**; AT E30682 T1 19871115; DE 3467307 D1 19871217; IT 1163408 B 19870408; IT 8321338 A0 19830527; IT 8321338 A1 19841127

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