

Title (en)  
ROLL STAND WITH AXIALLY MOVABLE ROLLS

Publication  
**EP 0091540 B1 19860129 (DE)**

Application  
**EP 83101219 A 19830209**

Priority  
DE 3213496 A 19820410

Abstract (en)  
[origin: EP0091540A1] 1. Four-high roll stand with working rolls (54 and 55), which bear on backing rolls (52 and 53), where in the working rolls (54 and 55) are axially displaceable one relative to the other and the working rolls (54 and 55) as well as also the backing rolls (52 and 53) are provided with a curved outline, which extends over the entire barrel length and is composed of a convex and a concave region and has a structure, in which the barrel outlines of mutually bearing (52, 54, 53, 55) or co-operating (52 and 53, 54 and 55) rolls complementarily augment each other exclusively in a certain relative axial setting of these rolls, characterised thereby, that also the backing rolls (52 and 53) are axially displaceable one relative to the other and that the displacement of the backing rolls (52 and 53) takes place either independently of or together with the working rolls (54 and 55).

IPC 1-7  
**B21B 13/14; B21B 29/00**

IPC 8 full level  
**B21B 27/02** (2006.01); **B21B 1/22** (2006.01); **B21B 13/14** (2006.01); **B21B 29/00** (2006.01); **B21B 31/18** (2006.01); **B21B 37/42** (2006.01)

CPC (source: EP)  
**B21B 13/142** (2013.01)

Cited by  
EP0249801A1; EP0254904A3; EP0258482A1; EP0294544A3; DE3638331A1; DE19816602C1; DE102012212532B4; DE19736767A1; DE19736767C2; EP0263334A3; DE3634367A1; US5021265A; AT410765B; DE19811633B4; GB2222376A; GB2222376B; US8210015B2; US9789521B2; US7316146B2; DE102012212532A1; WO2005065853A3; US8413476B2; US8881569B2; WO2007144161A1; WO2007144162A1

Designated contracting state (EPC)  
AT DE FR GB IT

DOCDB simple family (publication)  
**EP 0091540 A1 19831019; EP 0091540 B1 19860129**; AT E17663 T1 19860215; DE 3213496 A1 19831020; DE 3361941 D1 19860313; JP H0547282 B2 19930716; JP S58187207 A 19831101; SU 1355112 A3 19871123; UA 5713 A1 19941228

DOCDB simple family (application)  
**EP 83101219 A 19830209**; AT 83101219 T 19830209; DE 3213496 A 19820410; DE 3361941 T 19830209; JP 6107783 A 19830408; SU 3573202 A 19830408; UA 3573202 A 19830408