

Title (en)  
ROLLING TRAIN FOR ROLL FORMING STRIPS (STRAIGHT BEAD TUBE WELDING)

Publication  
**EP 0388865 B1 19930303 (DE)**

Application  
**EP 90105180 A 19900320**

Priority  
• DE 3909208 A 19890321  
• DE 3912684 A 19890418

Abstract (en)  
[origin: EP0388865A1] A plurality of roll stands are provided, each comprising a rear housing (o2) (drive side) and a front housing (o3) (operator side). The roll necks (o1) are mounted on the front housing, while there are corresponding bearing bushes in the rear housing. When the rolls are changed, the roll necks, which are hydraulically stressed, are released, allowing the rear housings to be moved sideways in their entirety by means of a screw device (18). All the front housings (o3) are grouped on one changing plate (o4). The changing plate is placed on clamping bolts (13) and hydraulically clamped. After the release of the clamping, the front housings can be removed in their entirety and replaced by a set of housings containing new rolls. The rear housings move backwards together again until the roll necks (o1) are taken up by the bearing bushes. It is thus possible to perform a change in the dimensions of the rolls in a short time. <IMAGE>

IPC 1-7  
**B21B 31/08**

IPC 8 full level  
**B21B 31/08** (2006.01); **B21B 31/10** (2006.01); **B21B 27/03** (2006.01); **B21B 31/02** (2006.01)

CPC (source: EP)  
**B21B 31/08** (2013.01); **B21B 31/10** (2013.01); **B21B 27/03** (2013.01); **B21B 2031/023** (2013.01)

Cited by  
EP0597265A1; CN102430583A; EP2251112A1; CN105013825A; CN112024608A; US7469566B2; WO2015085340A3

Designated contracting state (EPC)  
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