

Title (en)  
A ROLL FORMING MACHINE

Publication  
**EP 0389736 A3 19910403 (EN)**

Application  
**EP 89830464 A 19891024**

Priority  
IT 4005389 A 19890331

Abstract (en)  
[origin: EP0389736A2] The roll forming machine consists of a succession of stands, each equipped with at least two rolls (12, 13) disposed with axes parallel; the rolls of each stand are mounted to centre shafts (42, 43) journaled between two uprights (17, 31), one of which is associated permanently with a base (2) that can be fitted to and removed from the fixed bed (3) of the machine, whilst the other (31) is attached direct to the bed (3) and carries two sleeves (44, 45), turning in bearings (34, 35), which are aligned coaxially with the centre shafts. The sleeves (44, 45) are designed to engage the relative shafts (42, 43) in a coupling arrangement whereby both members can slide axially, though the one must turn with the other.

IPC 1-7  
**B21D 5/12**

IPC 8 full level  
**B21B 31/06** (2006.01); **B21B 31/08** (2006.01); **B21D 5/12** (2006.01); **B21B 31/02** (2006.01); **B21B 31/10** (2006.01); **B21B 35/14** (2006.01)

CPC (source: EP)  
**B21D 5/12** (2013.01); **B21B 31/06** (2013.01); **B21B 31/10** (2013.01); **B21B 35/141** (2013.01); **B21B 2031/023** (2013.01)

Citation (search report)

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- [X] PATENT ABSTRACTS OF JAPAN vol. 10, no. 193 (M-496)(2249) 08 July 1986, & JP-A-61 38719 (NISSHIN STEEL CO.LTD.) 24 February 1986,

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