

Title (en)  
Hot roughing mill installation

Title (de)  
Warmwalzanlage

Title (fr)  
Installation pour laminier à chaud

Publication  
**EP 0461743 B2 19990804 (EN)**

Application  
**EP 91301592 A 19910227**

Priority  
JP 15223390 A 19900611

Abstract (en)  
[origin: EP0461743A2] A hot roughing mill installation comprises one or two reversing roughing mills (4) through which a slab(s) of hot metal, in use, passes in a working direction (D). Upstream of the roughing mill(s) is a sizing press (2) which, in use, changes the width of the slab(s) after it has come out of a furnace (1) upstream of the sizing press (2). Downstream of the roughing mill(s) is a coil box (5) arranged to coil the roughed strip (P). Edgers (3), which form a thickened portion on each side of the slab(s), may be located immediately upstream and/or downstream of the or each roughing mill (4), and a rolling mill (6) may additionally be located between the sizing press (2) and the roughing mill(s). <IMAGE>

IPC 1-7  
**B21B 1/32**

IPC 8 full level  
**B21B 1/02** (2006.01); **B21B 1/34** (2006.01); **B21C 47/02** (2006.01); **B21B 15/00** (2006.01)

CPC (source: EP)  
**B21B 1/02** (2013.01); **B21B 1/34** (2013.01); **B21B 1/024** (2013.01); **B21B 2015/0057** (2013.01)

Cited by  
EP0937512A1; EP0842714A3; EP1160022A3; US6406413B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0461743 A2 19911218**; **EP 0461743 A3 19920311**; **EP 0461743 B1 19950111**; **EP 0461743 B2 19990804**; DE 69106596 D1 19950223; DE 69106596 T2 19950518; DE 69106596 T3 19991223; JP H0446602 A 19920217

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