

Title (en)  
METHOD FOR PRODUCING STEEL STRIP WITH A THICKNESS OF LESS THAN 10 MM

Publication  
**EP 0353402 B1 19920930 (DE)**

Application  
**EP 89108232 A 19890508**

Priority  
DE 3823861 A 19880714

Abstract (en)  
[origin: WO9000456A1] In a process for manufacturing steel strip with a thickness of less than 10 mm, a steel billet is cast in a chilled continuous casting die. The incompletely solidified steel billet is compressed on leaving the die until the inner walls of the solidified casting shell are welded together. The thickness of the solidified casting shell is reduced as a result of a > 40 % deformation.

IPC 1-7  
**B22D 11/12**

IPC 8 full level  
**B21B 1/46** (2006.01); **B22D 11/12** (2006.01); **B21B 1/22** (2006.01)

CPC (source: EP KR US)  
**B21B 1/463** (2013.01 - EP US); **B22D 11/12** (2013.01 - KR); **B22D 11/1206** (2013.01 - EP US); **B21B 2001/228** (2013.01 - EP US); **B21B 2201/14** (2013.01 - EP US); **B21B 2201/18** (2013.01 - EP US)

Cited by  
CN1046449C; DE19680625C1; CN1046450C; US5488987A; EP0625388A1; AU2005330323B2; US7832460B2; WO9520445A1; WO9520444A1; WO2006106376A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**WO 9000456 A1 19900125**; DD 287433 A5 19910228; DE 3823861 A1 19900118; DE 58902362 D1 19921105; EP 0353402 A1 19900207; EP 0353402 B1 19920930; ES 2035419 T3 19930416; GR 3006093 T3 19930621; KR 900701438 A 19901203; US 4962808 A 19901016; ZA 895014 B 19900425

DOCDB simple family (application)  
**EP 8900742 W 19890629**; DD 33073489 A 19890712; DE 3823861 A 19880714; DE 58902362 T 19890508; EP 89108232 A 19890508; ES 89108232 T 19890508; GR 920402422 T 19921027; KR 900700513 A 19900312; US 37634189 A 19890706; ZA 895014 A 19890630