

Title (en)
PROCESS FOR CONTINUOUS PRODUCTION OF STEEL STRIP OR STEEL SHEET FROM FLAT PRODUCTS MADE BY THE CIRCULAR-ARC TYPE CONTINUOUS CASTING PROCESS

Publication
EP 0415987 B1 19921216 (DE)

Application
EP 89906038 A 19890523

Priority
• DE 8900332 W 19890523
• DE 3840812 A 19881130
• DE 8800629 W 19881010
• IT 2075288 A 19880526

Abstract (en)
[origin: WO8911363A1] In a process for continuous production of steel strip or steel sheet, the flat product from the circular arc-type continuous casting plant is deformed, inductively reheated and further deformed in at least one deformation stage at roll speeds corresponding to the relevant reduction in roll pass. The invention also concerns a plant for implementing the process.

IPC 1-7
B21B 1/46; B22D 11/12

IPC 8 full level
B21B 1/46 (2006.01); **B22D 11/04** (2006.01); **B22D 11/12** (2006.01); **B22D 11/14** (2006.01); **B22D 11/16** (2006.01); **C21D 1/42** (2006.01); **C21D 8/02** (2006.01); **B21B 1/26** (2006.01); **B21B 45/00** (2006.01)

IPC 8 main group level
B22D (2006.01)

CPC (source: EP KR)
B21B 1/46 (2013.01 - KR); **B21B 1/463** (2013.01 - EP); **B22D 11/12** (2013.01 - KR); **B22D 11/1206** (2013.01 - EP); **B21B 1/26** (2013.01 - EP); **B21B 45/004** (2013.01 - EP)

Cited by
WO2012049107A1; WO2012049105A1; WO2012049135A1; CN103313812A; AU2005330323B2; AU2006324143B2; EP1662011A1; WO2013088408A2; DE102008020412A1; US7958931B2; WO2007072516A1; WO2007079898A1; WO2006106376A1; DE102014221068A1; WO2016059183A1; US9314828B2; EP2441538A1; EP2441539A1; US9289807B2; WO2007051521A2; US7832460B2; US8601851B2; WO2007086088A1; WO2008000396A1; EP2441540A1; US9296027B2; DE102009037278A1; WO2011018217A2; DE102011006357A1; WO2012045585A2; US8365806B2; DE102012224531A1

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

DOCDB simple family (publication)
WO 8911363 A1 19891130; AU 3686289 A 19891212; AU 624831 B2 19920625; BG 51443 A3 19930514; DE 3840812 A1 19900405; DE 58903052 D1 19930128; DK 171539 B1 19961230; DK 279290 A 19901123; DK 279290 D0 19901123; EP 0415987 A1 19910313; EP 0415987 B1 19921216; EP 0415987 B2 19991124; FI 904757 A0 19900927; FI 92161 B 19940630; FI 92161 C 19941010; IT 1224318 B 19901004; IT 8820752 A0 19880526; KR 900701437 A 19901203; KR 950014488 B1 19951202; TR 25630 A 19930503; ZA 893835 B 19900228

DOCDB simple family (application)
DE 8900332 W 19890523; AU 3686289 A 19890523; BG 9330790 A 19901126; DE 3840812 A 19881130; DE 58903052 T 19890523; DK 279290 A 19901123; EP 89906038 A 19890523; FI 904757 A 19900927; IT 2075288 A 19880526; KR 900700155 A 19900129; TR 48589 A 19890526; ZA 893835 A 19890522