

Title (en)

Group of universal rolling stands and method for the rolling of continuously cast preliminary sections

Title (de)

Universalgerüstgruppe und VErfahren zum Walzen von stranggegossenen Vorprofilen

Title (fr)

Groupe de cages de laminoirs universels et procédé pour le laminage d'ébauches de profilés coulées en continu

Publication

**EP 0734792 A3 19970305 (DE)**

Application

**EP 96250040 A 19960216**

Priority

DE 19512931 A 19950330

Abstract (en)

[origin: EP0734792A2] The universal mill for rolling continuous cast preform sections comprises a reversing universal stand on the ingoing side, a second universal finishing stand on the outgoing side with an intermediate stand between these two stands and a universal stand (UE) preceding the universal train (UR-HE-UF), having driven vertical rolls (2) and idler horizontal rolls (3).

IPC 1-7

**B21B 1/08**; **B21B 1/46**

IPC 8 full level

**B21B 1/08** (2006.01); **B21B 1/14** (2006.01); **B21B 1/46** (2006.01); **B21B 13/10** (2006.01); **B21B 27/02** (2006.01)

CPC (source: EP)

**B21B 1/088** (2013.01); **B21B 1/14** (2013.01); **B21B 13/10** (2013.01); **B21B 1/0886** (2013.01); **B21B 1/466** (2013.01); **B21B 27/028** (2013.01); **B21B 2013/003** (2013.01)

Citation (search report)

- [DYA] EP 0265757 A2 19880504 - SCHLOEMANN SIEMAG AG [DE]
- [PA] WO 9529774 A1 19951109 - MANNESMANN AG [DE], et al
- [PA] EP 0653253 A1 19950517 - SCHLOEMANN SIEMAG AG [DE]
- [A] DE 286488 C
- [A] US 410107 A 18890827
- [A] EP 0346880 A2 19891220 - KAWASAKI STEEL CO [JP]
- [YA] PATENT ABSTRACTS OF JAPAN vol. 004, no. 029 (M - 002) 14 March 1980 (1980-03-14)
- [A] PATENT ABSTRACTS OF JAPAN vol. 010, no. 189 (M - 494) 3 July 1986 (1986-07-03)
- [A] PATENT ABSTRACTS OF JAPAN vol. 007, no. 246 (M - 253) 2 November 1983 (1983-11-02)

Cited by

EP0881004A3; CN103658167A

Designated contracting state (EPC)

DE ES FR GB IT LU

DOCDB simple family (publication)

**EP 0734792 A2 19961002**; **EP 0734792 A3 19970305**; **EP 0734792 B1 19991124**; CN 1074690 C 20011114; CN 1135381 A 19961113; DE 19512931 A1 19961002; DE 59603691 D1 19991230; ES 2139308 T3 20000201; TW 299254 B 19970301

DOCDB simple family (application)

**EP 96250040 A 19960216**; CN 96104202 A 19960229; DE 19512931 A 19950330; DE 59603691 T 19960216; ES 96250040 T 19960216; TW 85100364 A 19960111