

Title (en)  
Continuous casting machine.

Title (de)  
Stranggiessanlage.

Title (fr)  
Installation de coulée continue.

Publication  
**EP 0642857 A3 19971203 (DE)**

Application  
**EP 94113035 A 19940820**

Priority  
DE 4328512 A 19930825

Abstract (en)  
[origin: EP0642857A2] In a continuous casting machine, the strand-guiding segments (1) of which are provided with spray elements, in particular spray bars (7 and 8a, 8b, 8c), distributed over the adjustable width of the strand, divided, if required, into cooling zones (4, 5, 6) in the direction (2) of movement of the strand and connected to transverse distributor pipes (9), the cooling system is improved if the outer spray bars (8a, 8b, 8c), which are arranged so as to go beyond the minimum strand width, can be connected up or disconnected depending on the respective strand width.  
<IMAGE>

IPC 1-7  
**B22D 11/124**

IPC 8 full level  
**B22D 11/124** (2006.01)

CPC (source: EP KR)  
**B22D 11/12** (2013.01 - KR); **B22D 11/124** (2013.01 - EP)

Citation (search report)  
• [XY] CH 564977 A5 19750815 - CONCAST AG  
• [Y] PATENT ABSTRACTS OF JAPAN vol. 001, no. 004 (C - 001) 10 March 1977 (1977-03-10)

Cited by  
CN102161085A; WO0236291A1; WO02060619A1

Designated contracting state (EPC)  
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**DE 4328512 A1 19950302**; EP 0642857 A2 19950315; EP 0642857 A3 19971203; KR 950005409 A 19950320

DOCDB simple family (application)  
**DE 4328512 A 19930825**; EP 94113035 A 19940820; KR 19940021037 A 19940825