

Title (en)  
METHOD AND APPARATUS FOR CASTING METAL STRIPS, PARTICULARLY STEEL ONES

Publication  
**EP 0283425 B1 19900808 (DE)**

Application  
**EP 88730032 A 19880211**

Priority  
DE 3707897 A 19870312

Abstract (en)  
[origin: US4836271A] In a process for casting metal strip, in particular steel strip, the liquid metal is discharged from a casting nozzle which has the same width as the strip onto a continuously moving, cooled conveyor belt, and the plane of the nozzle mouth is set for the thickness of the metal strip to be cast, i.e. at an acute angle to the plane of the conveyor belt. To maintain the casting speed at the nozzle mouth on the conveyor belt, i.e. to prevent shearing forces of the flow layers and thus a speed profile with negative components, the invention proposes that with a conveyor belt running at an inclination to the horizontal in the casting direction, the inclination of the conveyor belt in the casting direction is set as a function of the casting speed, which should be equal to the conveyor belt speed, and as a function of the material parameters of the liquid metal.

IPC 1-7  
**B22D 11/06**

IPC 8 full level  
**B22D 11/06** (2006.01)

CPC (source: EP US)  
**B22D 11/0631** (2013.01 - EP US)

Cited by  
CZ298804B6; WO9959750A1

Designated contracting state (EPC)  
FR GB IT SE

DOCDB simple family (publication)  
**EP 0283425 A1 19880921; EP 0283425 B1 19900808**; AU 1217188 A 19880915; AU 607970 B2 19910321; BR 8801084 A 19881018; DE 3707897 A1 19880922; DE 3707897 C2 19900705; JP H01241358 A 19890926; JP H0761527 B2 19950705; US 4836271 A 19890606

DOCDB simple family (application)  
**EP 88730032 A 19880211**; AU 1217188 A 19880225; BR 8801084 A 19880311; DE 3707897 A 19870312; JP 5815688 A 19880311; US 16696988 A 19880311