

Title (en)
METHOD FOR REGULATING AND/OR CONTROLLING AN ADJUSTABLE ROLL SEGMENT IN A CONTINUOUS CASTING INSTALLATION

Title (de)
VERFAHREN ZUR REGELUNG UND/ODER STEUERUNG EINES VERSTELLBAREN ROLLENSEGMENTES IN EINER STRANGGIEßANLAGE

Title (fr)
PROCEDE DE REGULATION ET/OU DE COMMANDE D'UN SEGMENT DE CYLINDRE REGLABLE DANS UN DISPOSITIF DE COULEE CONTINUE

Publication
EP 1893366 A1 20080305 (DE)

Application
EP 06755230 A 20060517

Priority
• EP 2006062372 W 20060517
• DE 102005028711 A 20050620

Abstract (en)
[origin: DE102005028711A1] In a process to regulate the operation of a continuous metal casting assembly, discharge is to a chain of roller segments, each with a movable upper frame (4) with overhead rollers and a lower frame with lower rollers. The upper frame angle is adjusted as required with respect to the lower frame by hydraulic jacks. The between the input and output dimensions, and the jacking heights (20, 21), is calculated by an algorithm. The roller segment input width (EN) is greater than that of the output (EX). The angular relationship is determined by determining the position of contact points (50) on each side.

IPC 8 full level
B22D 11/12 (2006.01); **B22D 11/20** (2006.01)

CPC (source: EP)
B22D 11/1206 (2013.01); **B22D 11/128** (2013.01); **B22D 11/208** (2013.01)

Citation (search report)
See references of WO 2006136483A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102005028711 A1 20061228; AT E459443 T1 20100315; CN 101267903 A 20080917; CN 101267903 B 20110126; DE 502006006340 D1 20100415; EP 1893366 A1 20080305; EP 1893366 B1 20100303; WO 2006136483 A1 20061228

DOCDB simple family (application)
DE 102005028711 A 20050620; AT 06755230 T 20060517; CN 200680022071 A 20060517; DE 502006006340 T 20060517; EP 06755230 A 20060517; EP 2006062372 W 20060517