

Title (en)
METHOD AND DEVICE FOR CONTROLLING THE MOVEMENT OF A TEEMING LADLE HAVING A LOW TEEMING HEIGHT IN A TEEMING INSTALLATION

Title (de)
VERFAHREN UND VORRICHTUNG ZUR BEWEGUNGSSTEUERUNG EINER GIESSPFANNE MIT GERINGER GIESSHÖHE IN EINER GIESSANLAGE

Title (fr)
PROCEDE ET DISPOSITIF POUR LA COMMANDE DU DEPLACEMENT D'UNE POCHE DE COULEE A FAIBLE HAUTEUR DE COULEE DANS UNE INSTALLATION DE COULEE

Publication
EP 0996517 A1 20000503 (DE)

Application
EP 98923971 A 19980617

Priority
• CH 9800261 W 19980617
• CH 155497 A 19970627

Abstract (en)
[origin: US6619371B1] During a casting operation a teeming ladle is moved relatively horizontally in the X direction and vertically in the Z direction and pivoted about rotational axis A. Thus it becomes possible during automatic casting always to maintain the theoretical fulcrum of the spout about which the teeming ladle is pivoted while maintaining a safety margin between the teeming ladle and the mold at the lowest possible position.

IPC 1-7
B22D 39/00

IPC 8 full level
B22D 39/00 (2006.01); **B22D 41/04** (2006.01); **B22D 41/06** (2006.01); **B22D 41/12** (2006.01)

CPC (source: EP KR US)
B22D 39/00 (2013.01 - EP KR US); **B22D 41/04** (2013.01 - EP US)

Cited by
DE102015107951A1; DE102015107951B4

Designated contracting state (EPC)
AT CH DE DK ES FR GB IT LI PT SE

DOCDB simple family (publication)
WO 9900205 A1 19990107; AT E200639 T1 20010515; AU 7635098 A 19990119; BR 9810940 A 20000926; CA 2292650 A1 19990107; CA 2292650 C 20051025; CN 1080154 C 20020306; CN 1261830 A 20000802; DE 59800642 C5 20100610; DE 59800642 D1 20010523; DK 0996517 T3 20010702; EP 0996517 A1 20000503; EP 0996517 B1 20010418; ES 2158683 T3 20010901; JP 2001507631 A 20010612; JP 3329834 B2 20020930; KR 100369645 B1 20030130; KR 20010039513 A 20010515; PT 996517 E 20010830; US 6619371 B1 20030916

DOCDB simple family (application)
CH 9800261 W 19980617; AT 98923971 T 19980617; AU 7635098 A 19980617; BR 9810940 A 19980617; CA 2292650 A 19980617; CN 98805714 A 19980617; DE 59800642 T 19980617; DK 98923971 T 19980617; EP 98923971 A 19980617; ES 98923971 T 19980617; JP 50518299 A 19980617; KR 19997011804 A 19991215; PT 98923971 T 19980617; US 44653899 A 19991227