

Title (en)  
IMMERSED POURING SPOUT

Title (de)  
TAUCHGIESSROHR

Title (fr)  
BUSE DE COULEE IMMERGEE

Publication  
**EP 0784523 B1 20000712 (DE)**

Application  
**EP 95930397 A 19950907**

Priority  
• DE 9501266 W 19950907  
• DE 4436990 A 19941007

Abstract (en)  
[origin: US5775552A] PCT No. PCT/DE95/01266 Sec. 371 Date Apr. 7, 1997 Sec. 102(e) Date Apr. 7, 1997 PCT Filed Sep. 7, 1995 PCT Pub. No. WO96/11078 PCT Pub. Date Apr. 18, 1996A pouring spout to for delivering molten steel into a continuous casting mold with longitudinal and transverse sides, especially for casting thin slabs. The outer wall (12) of the pouring spout (10) is shaped in its longitudinal-side region (17) facing the longitudinal mold side (21) so that it has a substantially constant distance (d) relative to the longitudinal sides (21) of the mold, regardless of the immersion depth of the pouring spout into the melt in the continuous casting mold. In addition, the outer wall of the pouring spout, in its transverse-side regions (16) facing the transverse mold sides (22), has form elements that oppose a minimum resistance to the horizontal flow of the molten steel and the casting powder floating thereon.

IPC 1-7  
**B22D 41/50**

IPC 8 full level  
**B22D 11/10** (2006.01); **B22D 41/50** (2006.01)

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**US 5775552 A 19980707**; AT E194531 T1 20000715; AU 3379695 A 19960502; BR 9509232 A 19980127; CN 1068261 C 20010711; CN 1160369 A 19970924; DE 4436990 C1 19951207; DE 59508571 D1 20000817; EP 0784523 A1 19970723; EP 0784523 B1 20000712; JP 3188473 B2 20010716; JP H10506847 A 19980707; KR 100364687 B1 20030205; RU 2127171 C1 19990310; WO 9611078 A1 19960418

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