

Title (en)  
TUNDISH IMPACT PAD

Title (de)  
PRALLPLATTE FÜR ZWISCHENGEFASS

Title (fr)  
DALLE D'IMPACT POUR PANIER DE COULEE

Publication  
**EP 0790873 B1 19980603 (EN)**

Application  
**EP 95934731 A 19951024**

Priority  

- GB 9502505 W 19951024
- GB 9508070 A 19950420
- US 33812394 A 19941109

Abstract (en)  
[origin: WO9614951A1] A tundish impact pad (20) to reduce turbulence in the tundish comprises a body of refractory material capable of withstanding contact with molten steel in a tundish (10), the body comprising a base (22) having an impact surface (24), an outer sidewall (26, 40) extending upwardly from the impact surface (24), a top surface (32) connected to the sidewall (26, 40) and defining an opening (30) therein, in which the top surface (32) has an inner annular portion (42) substantially parallel to the impact surface (24), and the sidewall (26, 40) has an interior face (28) which is substantially perpendicular to the impact surface (24) and wherein a substantially right angle corner (28A) is provided between the sidewall (28) and the impact surface (24) and a substantially right angle corner is provided between the sidewall (28) and the top surface inner annular portion (42).

IPC 1-7  
**B22D 41/00**

IPC 8 full level  
**B22D 11/10** (2006.01); **B22D 41/00** (2006.01); **B22D 41/02** (2006.01)

CPC (source: EP)  
**B22D 41/003** (2013.01)

Cited by  
DE102007035452A1; DE10257395A1; DE10235867B3; DE10143396C1; DE102007035452B4; US7128247B2; WO2004014585A1; EP2193861A1; US8746516B2

Designated contracting state (EPC)  
AT BE DE DK ES FR GB IT LU NL SE

DOCDB simple family (publication)  
**WO 9614951 A1 19960523**; AT E166814 T1 19980615; AU 3704395 A 19960606; AU 692622 B2 19980611; BR 9509706 A 19971028; CA 2162551 A1 19960510; CA 2162551 C 20000801; CN 1069243 C 20010808; CN 1171752 A 19980128; DE 69502838 D1 19980709; DE 69502838 T2 19990318; DK 0790873 T3 19990215; EP 0790873 A1 19970827; EP 0790873 B1 19980603; ES 2104525 T1 19971016; ES 2104525 T3 19980916; FI 110312 B 20021231; FI 971968 A0 19970507; FI 971968 A 19970507; JP 2000505728 A 20000516; JP 4007429 B2 20071114; MX 9703352 A 19970930; TR 199501393 A2 19960721; TW 321615 B 19971201

DOCDB simple family (application)  
**GB 9502505 W 19951024**; AT 95934731 T 19951024; AU 3704395 A 19951024; BR 9509706 A 19951024; CA 2162551 A 19951109; CN 95197120 A 19951024; DE 69502838 T 19951024; DK 95934731 T 19951024; EP 95934731 A 19951024; ES 95934731 T 19951024; FI 971968 A 19970507; JP 51581096 A 19951024; MX 9703352 A 19951024; TR 9501393 A 19951108; TW 84112638 A 19951128