

Title (en)

Coupling for attaching a metallurgical vessel to treatment gas pipes

Title (de)

Kupplung zum Ankuppeln eines metallurgischen Gefäßes an Gasspulleitungen

Title (fr)

Raccord pour l'accouplement d'une poche métallurgique aux conduits de gaz de traitement

Publication

EP 1602423 B1 20070328 (DE)

Application

EP 05090028 A 20050211

Priority

DE 102004027531 A 20040602

Abstract (en)

[origin: EP1602423A1] A coupling for a metallurgical vessel, especially a steel casting ladle with two gas scavenging lines, a pan-shaped first (1) and second (2) coupling part with two gas inlet channels, gas exit channels, a locking element in the ladle scavenging device for controlling the blocking or unblocking of the gas flow, where part (2) includes a locking element in each gas exit and a further locking element outside part (2) and in the gas flow and connected to a permanently open gas inlet or outlet. An independent claim is included for a method coupling a metallurgical vessel to gas scavenging lines.

IPC 8 full level

B22D 1/00 (2006.01); **C21C 5/46** (2006.01); **C21C 5/48** (2006.01); **C21C 7/072** (2006.01)

CPC (source: EP)

C21C 5/48 (2013.01); **C21C 7/072** (2013.01); **C21C 5/462** (2013.01)

Cited by

DE102010021150B4

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1602423 A1 20051207; **EP 1602423 B1 20070328**; AT E357984 T1 20070415; DE 102004027531 B3 20050609; DE 502005000516 D1 20070510

DOCDB simple family (application)

EP 05090028 A 20050211; AT 05090028 T 20050211; DE 102004027531 A 20040602; DE 502005000516 T 20050211