

Title (en)

METHOD AND DEVICE FOR TILTING METALLURGICAL VESSELS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM UMLEGEN VON METALLURGISCHEN GEFÄSSEN

Title (fr)

PROCEDE ET DISPOSITIF POUR INCLINER DES CUVES METALLURGIQUES

Publication

EP 1628794 B1 20060920 (DE)

Application

EP 04739217 A 20040515

Priority

- EP 2004005240 W 20040515
- DE 10322609 A 20030520

Abstract (en)

[origin: WO2004103611A1] The invention relates to a method and device for tilting metallurgical vessels (1), particularly pouring ladles that, via journals (2), are pivotally mounted in a suspension device (3). The aim of the invention is to economically enable a simple, reliable and rapid tilting of pouring ladles and, in particular, to eliminate the use of drives or secondary crane lifting. To this end, a metallurgical vessel (1) is tilted by the gravitational force acting thereupon around the axis of its journals (2) from a vertical position and into a horizontal position.

IPC 8 full level

B22D 41/04 (2006.01); **B22D 41/06** (2006.01)

CPC (source: EP KR)

B22D 41/04 (2013.01 - EP KR); **B22D 41/06** (2013.01 - EP)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004103611 A1 20041202; AT E340043 T1 20061015; BR PI0410743 A 20060627; DE 502004001544 D1 20061102; EP 1628794 A1 20060301; EP 1628794 B1 20060920; KR 101056358 B1 20110812; KR 20060013409 A 20060209; RU 2005139726 A 20060710; RU 2349417 C2 20090320

DOCDB simple family (application)

EP 2004005240 W 20040515; AT 04739217 T 20040515; BR PI0410743 A 20040515; DE 502004001544 T 20040515; EP 04739217 A 20040515; KR 20057022086 A 20040515; RU 2005139726 A 20040515