

Title (en)

TILTING TANK FOR PROCESSING LIQUID METAL AND DEVICE FOR SEALED CONNECTION WITH FIXED CHUTE

Title (de)

KIPPBARER BEHÄLTER ZUR BEHANDLUNG VON METALLSCHMELZE UND DICHTVERBINDUNG MIT EINER FESTSTEHENDEN RINNE

Title (fr)

CUVE DE TRAITEMENT DE METAL LIQUIDE BASCULANTE ET SON DISPOSITIF DE LIAISON ETANCHE AVEC UNE GOULOTTE FIXE

Publication

EP 1133372 A1 20010919 (FR)

Application

EP 99949050 A 19991014

Priority

- FR 9902491 W 19991014
- FR 9813088 A 19981015

Abstract (en)

[origin: US6576184B1] A tank for liquid metal processing tilting about an axis and fed by a fixed chute and pouring the liquid metal into a fixed evacuating chute. The tank includes at least a passage hole for supplying, discharging, or emptying the liquid metal arranged in one of its walls and extended by a mobile nozzle integral with the tank. At least the fixed evacuation chute merges with the tilting axis and the nozzle. Further, the fixed chute is assembled together by a linking device articulated in rotation about the tilting axis.

IPC 1-7

B22D 41/04; **B22D 41/50**

IPC 8 full level

B22D 41/04 (2006.01); **B22D 41/50** (2006.01)

CPC (source: EP US)

B22D 41/04 (2013.01 - EP US); **B22D 41/502** (2013.01 - EP US)

Citation (search report)

See references of WO 0021701A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 6576184 B1 20030610; AT E229860 T1 20030115; AU 6207199 A 20000501; BR 9914503 A 20010626; DE 69904646 D1 20030130; DE 69904646 T2 20030821; EP 1133372 A1 20010919; EP 1133372 B1 20021218; ES 2188252 T3 20030616; FR 2784608 A1 20000421; FR 2784608 B1 20001208; WO 0021701 A1 20000420

DOCDB simple family (application)

US 80649701 A 20010601; AT 99949050 T 19991014; AU 6207199 A 19991014; BR 9914503 A 19991014; DE 69904646 T 19991014; EP 99949050 A 19991014; ES 99949050 T 19991014; FR 9813088 A 19981015; FR 9902491 W 19991014