

Title (en)

Refractory nozzle for the continuous casting of steel

Title (de)

Tauchgiessrohr zum Stranggiessen von Stahl

Title (fr)

Buse de coulée à immersion pour coulée continu de l'acier

Publication

**EP 1854571 B1 20091202 (EN)**

Application

**EP 06425316 A 20060511**

Priority

EP 06425316 A 20060511

Abstract (en)

[origin: EP1854571A1] Invention relates to a submerged entry nozzle (21) for the thin slab casting comprising a divider (14) having a geometry of the ogival type, continuous contours and an angle  $\alpha$  at the vertex comprised between 30° and 60°. The divider in its lower portion is narrowing symmetrically with its sides (15,15') towards the median vertical axis (13).

IPC 8 full level

**B22D 41/50** (2006.01); **B22D 11/10** (2006.01)

CPC (source: EP)

**B22D 41/50** (2013.01)

Cited by

CN104057077A; JP2017526534A; DE102013103668A1; DE102013103668B4; JP7201955B1; KR20230101886A; WO2014127754A1; US9018604B2; US11897027B2; WO2015189742A1; US10569326B2; WO2022219956A1

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**EP 1854571 A1 20071114; EP 1854571 B1 20091202**; AT E450332 T1 20091215; DE 602006010820 D1 20100114

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