

Title (en)
Immersion nozzle

Title (de)
Eintauchguss

Title (fr)
Busette de coulée immergée

Publication
EP 0630712 B1 19961002 (DE)

Application
EP 94104560 A 19940323

Priority
DE 4320723 A 19930623

Abstract (en)
[origin: EP0630712A1] An immersion nozzle, intended particularly for thin-slab casting, is divided into an upper section (6) and a lower section (7). In a longitudinal plane of section, the upper section (6) widens in the direction of the lower section (7). In a longitudinal plane of section perpendicular thereto, the upper section (6) tapers in the direction of the lower section (7). To simplify production and improve the replaceability of the sections, each of the sections (6, 7) is formed by at least one separate moulded brick (3, 4, 5). The moulded bricks (3, 4, 5) engage in one another at their mutually facing ends and are there provided with a seal (20). <IMAGE>

IPC 1-7
B22D 41/50

IPC 8 full level
B22D 11/10 (2006.01); **B22D 41/50** (2006.01)

CPC (source: EP KR US)
B22D 41/502 (2013.01 - EP US); **B22D 41/52** (2013.01 - KR)

Cited by
DE102008058647A1; EP2792433A1; FR2763524A1; DE19512208C1; CN1072079C; US8517231B2; WO2014170103A1; WO9629166A1; WO9801595A1

Designated contracting state (EPC)
BE DE FR GB

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