

Title (en)

Casting nozzle for introducing molten metal in a continuous casting mould

Title (de)

Giessrohr zum Einführen von Metallschmelze in eine Strangiesskokille

Title (fr)

Busette pour l'introduction de métal liquide dans une lingotière de coulée continue des métaux

Publication

EP 0950451 B1 20030507 (FR)

Application

EP 99400736 A 19990326

Priority

FR 9804706 A 19980416

Abstract (en)

[origin: EP0950451A1] A nozzle (1) for the introduction of liquid metal into a continuous casting mold, of the type comprising a first tubular part (2) of which one end is connected to a vessel enclosing the liquid metal and the other end emerges into a second hollow part (4) of elongated shape of which at least one portion of the inner space (3) is oriented essentially perpendicular to the tubular part (2). The hollow part (4) incorporates a hole (5, 6) at each of its ends, as well as one or several outlet holes (7 - 17) cut in its bottom (18) and/or lateral walls, a perforated regulator (23 - 34) being arranged in the inner space (3) in such a manner that the liquid metal must pass through the perforations before traversing through the outlet holes (7 - 17). The perforated regulator (19, 38, 39, 41, 43) incorporates, on at least a portion of the width of its upper face, a raised part (20, 37, 42, 44) comprising a top situated on the longitudinal horizontal axis of the hollow part (4), the perforations (23 - 34) being distributed on either side of this top.

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B22D 11/06

IPC 8 full level

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