

Title (en)

Refractory stator/rotor unit for a nozzle gate in a vessel holding molten metal.

Title (de)

Feuerfeste Stator/Rotor-Einheit für einen Verschluss im Ausguss eines Metallschmelze enthaltenden Behälters.

Title (fr)

Unité réfractaire de stator/rotor pour un obturateur de busette de coulée dans un récipient contenant un métal liquide.

Publication

**EP 0407712 B1 19950816 (DE)**

Application

**EP 90109647 A 19900521**

Priority

CH 259389 A 19890711

Abstract (en)

[origin: EP0407712A2] The gate (20) has a tubular stator (21) and a rotor guided by the latter within the container, forming a unit which has at least one transverse opening and at least one opening starting from the latter and leading out of the vessel (openings 27, 24, 25, 23). The rotor (21) for its part is designed with two mutually concentric tube pieces (25, 26), which are provided with transverse openings (27, 28) and surround the stator (21) sealingly on the inside and outside. The transverse openings (24, 28) of the stator and of the inner tube piece (25), which openings are preferably of the same size, serve for the regulated pouring of the quantity of molten metal, while the outer tube piece (26) with its larger opening (27) is designed as a safety closing member in relation to the other. Operational safety can be considerably improved with this gate system. <IMAGE>

IPC 1-7

**B22D 41/16**; **B22D 41/14**

IPC 8 full level

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CPC (source: EP US)

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