

Title (en)

Shut-off and/or control device for the outlet of a metallurgical vessel.

Title (de)

Verschluss- und/oder Regeleinrichtung für den Ausguss eines metallurgischen Gefäßes.

Title (fr)

Dispositif de fermeture et/ou de réglage pour le trou de coulée d'un récipient métallurgique.

Publication

EP 0480239 B1 19940803 (DE)

Application

EP 91116284 A 19910925

Priority

DE 4032084 A 19901010

Abstract (en)

[origin: EP0480239A1] In a shut-off and/or control device for the outlet of a metallurgical vessel, a driving rod (12) extends in an internal space (8) of a refractory ceramic shut-off and/or control element (4). In order to permit tilting and transmission of a rotary motion with as little play as possible in the region of the inner end (13) of the driving rod (12), the internal space (8) in the region of its base (9) and the driving rod (12) at the inner end (13) have cross-sectional profiles (21, 22) which deviate from the circular. They are in engagement with one another and rest against one another at a line (23) of contact. At least one of the cross-sectional profiles (21, 22) tapers, creating a free space (25) above and below the line (23) of contact and allowing the driving rod (12) to be tilted. <IMAGE>

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B22D 41/14

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

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