

Title (en)

SLIDE GATE ON THE SPOUT OF A METALLURGICAL VESSEL

Title (de)

SCHIEBEVERSCHLUSS AM AUSGUSS EINES METALLURGISCHEN BEHÄLTERS

Title (fr)

PORTE COULISSANTE SUR LE BEC VERSEUR D'UN RÉCIPIENT MÉTALLURGIQUE

Publication

**EP 4185425 A1 20230531 (DE)**

Application

**EP 21730219 A 20210604**

Priority

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Abstract (en)

[origin: CA3188789A1] A slide gate (10) on the spout of a metallurgical vessel is provided with a housing (12), at least one gate plate arranged therein, a longitudinally displaceable gate plate and with a cover (15) that can be fastened to the housing (12) by means of a bracing mechanism (20). The gate plates can be pressed against one another by the bracing mechanism (20) via the cover (15). The bracing mechanism (20), which has at least one spring member (33), is provided on both sides at the housing (12) with pivotably mounted clamping levers (21, 22) and supports (23, 24) cooperating therewith, such that the cover (15) can be fastened to the housing and released therefrom by pivoting these clamping levers (21, 22). The gate plates, which have to be changed frequently, can thus always be braced uniformly and optimally relative to each other, even after many deployments.

IPC 8 full level

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