

Title (en)
INDUCTION FURNACE WITH A BODY AND A TOP

Publication
EP 0212072 B1 19920401 (DE)

Application
EP 86106539 A 19860514

Priority
DE 3530471 A 19850827

Abstract (en)
[origin: US4658404A] Disclosed is an induction furnace with a furnace bottom comprising a crucible, an induction winding and a gas-tight casing, also having a lid, for the furnace bottom, which lid has at least one gas connection, a charging valve and a pouring arrangement. The furnace bottom and lid are connected by a flange joint and tiltably mounted by means of a picot bearing and a drive about a tipping axis in a furnace stand. The pivot bearing is secured to the lid, the tipping mechanism engages the lid, and the furnace bottom is separable from the lid by unfastening the flange joint, the lid remaining in the furnace stand.

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IPC 8 full level
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EP 0212072 A2 19870304; **EP 0212072 A3 19890419**; **EP 0212072 B1 19920401**; CA 1270370 A 19900619; DE 3530471 A1 19870305; DE 3530471 C2 19900523; DE 3684644 D1 19920507; GB 2179725 A 19870311; GB 2179725 B 19891115; GB 8614289 D0 19860716; JP H0419472 B2 19920330; JP S6252395 A 19870307; US 4658404 A 19870414

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