

Title (en)
Metal smeltfurnace.

Title (de)
Metall-Schmelzofen.

Title (fr)
Four pour la fusion de métaux.

Publication
EP 0571732 A3 19950524 (DE)

Application
EP 93104615 A 19930320

Priority
DE 4211564 A 19920407

Abstract (en)
[origin: EP0571732A2] In a furnace for smelting metal, in particular nonferrous metal, at least one burner nozzle (30) opens into a smelting chamber (9). In order to improve the melting of the smelting stock introduced into the smelting chamber (9) via the passage (22), the cross-section of the smelting chamber (9) is enlarged relative to the cross-section of the passage (22) in such a way that the smelting stock forms a conical heap (K) in the smelting chamber (9). Between the conical heap (K) and the wall (28) of the smelting chamber there is a free space (29). In this, the burner nozzles (30) are oriented approximately tangentially to the periphery of the conical heap (K). <IMAGE>

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Citation (search report)
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