

Title (en)

GLASS FURNACE HAVING CONTROLLED SECONDARY RECIRCULATION OF THE GLASS

Title (de)

GLASSCHMELZOFEN MIT GEREGLTER SEKUNDÄRER GLASREZIRKULATION

Title (fr)

FOUR DE VERRE AVEC CONTROLE DE LA RECIRCULATION SECONDAIRE DU VERRE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2011045713A1] The invention relates to a furnace for melting and fining glass, which includes: a vault provided with a heating means, a hearth (2) forming the bottom of a vat containing a bath (3) of molten glass, a width restriction (4), in particular a corset, defining a downstream portion (5) and an upstream portion (6) in the vat, and an outlet through which the molten glass is discharged, a secondary recirculation loop (B) for the molten glass forming in the bath between a hotter inner area of the furnace and the cooler outlet, said loop passing through the corset; the furnace comprises a means (M) for adjusting the width through which the glass can pass into the secondary recirculation loop, said adjustment means being submerged in the bath and extending vertically over most of the depth of the bath.

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