

Title (en)

OXYGEN INJECTION THROUGH A ROOF OR CROWN OF A GLASS FURNACE

Title (de)

SAUERSTOFFINJEKTION DURCH DAS DACH ODER DIE DECKE EINES GLASOFENS

Title (fr)

INJECTION D'OXYGÈNE À TRAVERS UN TOIT OU UNE COURONNE D'UN FOUR À VERRE

Publication

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Application

EP 07837386 A 20070824

Priority

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- US 84023506 P 20060825

Abstract (en)

[origin: WO2008024506A2] A method is provided to facilitate combustion in a furnace having at least one burner, an inlet, an outlet, and sidewalls and a crown defining a combustion chamber for the furnace, the method consisting of identifying a region of the combustion chamber where a furnace atmosphere therein requires an increase in oxygen for combustion in the furnace atmosphere, and providing fresh oxygen to the region at a controlled flow rate for the combustion, wherein the fresh oxygen provided causes circulation of the furnace atmosphere for combining existing gases and existing oxygen of the furnace atmosphere with the fresh oxygen provided to the region for combustion.

IPC 8 full level

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