

Title (en)  
CATENARY TYPE FURNACE

Title (de)  
DURCHHANGOFEN

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FOUR DE TYPE CONTINU

Publication  
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Application  
**EP 03776019 A 20031202**

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Abstract (en)  
[origin: EP1584694A1] An object of the present invention is to provide a catenary furnace which has high compatibility with environmental protection, is easy to maintain, and can satisfactorily perform heating treatment of a material by restraining fluctuations in furnace temperature. <??>In the present invention, in a catenary furnace (1) for heating a material (3), which is formed in a shape of a catenary curve and is conveyed in the longitudinal direction of a furnace casing (2), in the furnace casing (2) heated by burners, a lower burner, which is fired continuously toward the transverse direction of the furnace casing (2), is provided on the lower side of the material (3), and an alternate combustion type regenerative burner (5, 6), which has a pair of burners (5a, 5b, 6a, 6b) burned alternately and is fired toward the longitudinal direction of the furnace casing (2), is provided on the upper side of the material (3). <IMAGE>

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