

Title (en)

SUPPORT ARM FOR AN ELECTRODE OF A MELT METALLURGIC FURNACE

Title (de)

ELEKTRODENTRAGARM EINES SCHMELZMETALLURGISCHEN OFENS

Title (fr)

BRAS DE SUPPORT POUR UNE ÉLECTRODE D'UN FOUR DE FUSION MÉTALLURGIQUE

Publication

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Application

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Abstract (en)

[origin: WO2011101271A1] The invention relates to an electrode arm (1) of a metallurgical melting furnace, especially an arc furnace, the electrode arm (1) having at least one measuring element (2) for measuring a physical variable. To allow improved and more precise measurement of the physical variable required for operation of the furnace, the measuring element (2) is designed to measure the temperature and/or the mechanical elongation of the electrode arm (1), the measuring element (2) comprising at least one optical waveguide (3) which extends along the longitudinal extension (L) of the electrode arm (1) in at least some sections.

IPC 8 full level

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