

Title (en)

METHOD AND DEVICE FOR DRAWING AN OPTICAL FIBRE FROM A PREFORM

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ZIEHEN EINER OPTISCHEN FASER AUS EINER VORFORM

Title (fr)

PROCEDE ET DISPOSITIF POUR ETIRER UNE FIBRE OPTIQUE A PARTIR D'UNE EBAUCHE

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Abstract (en)

[origin: WO9965834A1] The present invention relates to a furnace for producing an optical fibre (2) from a preform (1), wherein said furnace comprises an inner space (4) with a geometrical axis along which the preform (1) is capable of displacement. The inner space includes a region (10) which extends along said axis and in which the melting temperature of the preform (1) material can be adjusted, wherein said temperature decreases at the axial ends of the inner space (4). This invention is characterised in that the generation of heat in the furnace and/or the emission of heat outside the inner space (4) varies along the axis. This invention further relates to a method for producing optical fibres.

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