

Title (en)

SEALING DEVICE FOR VERTICALLY ARRANGED SEALING

Title (de)

DICHTUNGSVORRICHTUNG FÜR EINE VERTIKAL ANGEORDNETE DICHTUNG

Title (fr)

DISPOSITIF D'ÉTANCHÉITÉ POUR FERMETURE ÉTANCHE VERTICALE

Publication

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Application

EP 11737363 A 20110125

Priority

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Abstract (en)

[origin: WO2011093774A1] Sealing tube (310) for a door (200) to an industrial furnace (100), which is mounted vertically and is filled with a liquid coolant (370). The tube comprises an upper, upwards facing end (311), a corresponding lower end (312) and a first longitudinal opening (314,318) which slidably accommodates a side edge (201) of the door. When the tube is so filled with the coolant so that it essentially fills the space between the inner surfaces of the tube (310) and the outer surfaces of the door around the side edge, it sealingly connects to the side edge. The invention is characterised in that a second longitudinal opening (3116,319) runs from the upper end and towards the lower end, in that the first longitudinal opening (314,318) runs further down than does the second longitudinal opening, in that the upper end is open between the orifice in the upper end of the two longitudinal openings, and in that the second longitudinal opening slidably accommodates an elongated vertical sealing part (204) of the door, which is brought into the second longitudinal opening in the upper end.

IPC 8 full level

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CPC (source: EP SE)

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