

Title (en)

HOT-AIR TUYERE STOCK FOR A SHAFT FURNACE, IN PARTICULAR A BLAST FURNACE

Title (de)

HEIßWINDDÜSENSTOCK FÜR EINEN SCHACHTOFEN, INSBESONDERE HOCHOFEN

Title (fr)

PORTE-TUYÈRE À VENT CHAUD POUR FOUR À CUVE, EN PARTICULIER POUR HAUT-FOURNEAU

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Application

EP 11707628 A 20110228

Priority

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Abstract (en)

[origin: WO2011107428A1] A hot-air tuyere stock for a shaft furnace, in particular a blast furnace, consisting of at least two, in particular three, refractory-lined tube sections (10, 11, 12) with a movable connection (15), wherein each movable connection is formed as a spherical joint and comprises a compensator (16) which is similar to a corrugated-tube. The spherical-joint-type connection (15) comprises a bayonet locking mechanism (17), the complementary locking surfaces of which are each spherical segment areas (18, 19 and 20, 21) of which the centre point is the swivel point (D) of the spherical-joint-type connection (15).

IPC 8 full level

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