

Title (en)

Brick for a bottom electrode, a rear lining or a hearth connection.

Title (de)

Ziegel für Bodenelektrode, Ofenauskleidung oder Verbindung zu einem Tiegel.

Title (fr)

Brique pour électrode de fond, pour revêtement d'un four, ou connexion à un creuset.

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Application

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Priority

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Abstract (en)

Brick for a bottom electrode, a rear lining or a hearth connection for a.d.c. arc furnace. According to the invention the brick consist of a porous material which has been impregnated by means of immersion into and/or spraying with an organic fluid, such as pitch, tar or a suspension of graphite, soot or the like, or synthetic resin, whereafter the brick has been coked, for example at a temperature of 350 DEG C, thus creating electric current carrying paths containing coal which paths render the brick electrically conductive.

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IPC 8 full level

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