

Title (en)

Method of repair of the refractory lining of the wall of a shaft furnace.

Title (de)

Verfahren zur Instandsetzung der feuerfesten Bekleidung einer Schachtofenwand.

Title (fr)

Méthode pour la réparation du revêtement réfractaire d'une paroi de four à cuve.

Publication

**EP 0519553 A1 19921223 (EN)**

Application

**EP 92201689 A 19920610**

Priority

NL 9101058 A 19910619

Abstract (en)

A method of repair of a defective portion of a refractory lining of a wall of a shaft furnace, e.g. a blast furnace, is described. The lining has water-cooled panels (5) located at the inside of the steel furnace jacket (3) and at least one inside layer (6) of refractory lining material at the inside of the panels (5). The method comprises the steps of removing at least one of the water-cooled panels (5) at the location of the defective lining portion, replacing the removed panel or panels by a further refractory lining layer (11) having a high thermal conductivity e.g. at least 50 W/mK, and providing the steel furnace jacket (3) at the repair region with an external water cooling system (12,13,14). <IMAGE>

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Citation (search report)

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