

Title (en)

METHOD AND DEVICE FOR COOLING HOT BRIQUETTED SPONGY IRON

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ABKÜHLEN VON HEISSEM BRIKETTIERTEM EISENSCHWAMM

Title (fr)

PROCEDE ET DISPOSITIF POUR REFROIDIR DU FER SPONGIEUX CHAUD BRIQUETE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9623081A1] The invention concerns a method of cooling hot briquetted spongy iron (3) such that the lowest possible final temperature is attained after the shortest possible period of time and optimum use is made of the coolant. According to the method, in a first cooling step (11) only a gaseous cooling medium flows through the hot briquetted spongy iron (3) such that the latter is gently cooled. In a second cooling step (14) the hot briquetted spongy iron is then sprayed with a liquid cooling medium and is thus cooled intensively to the desired final temperature.

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