

Title (en)

WALKING BEAM FURNACE FOR CONTINUOUSLY DISCHARGING AND SHREDDING SCALE

Title (de)

HUBBALKENOFEN ZUM KONTINUIERLICHEN ENTLADEN UND ZERKLEINERN VON ZUNDER

Title (fr)

FOUR À LONGERONS MOBILES PERMETTANT DE BROYER ET D'ÉVACUER EN CONTINUE LA CALAMINE

Publication

EP 3903057 B1 20221019 (FR)

Application

EP 19845707 A 20191217

Priority

- FR 1874133 A 20181224
- FR 2019053126 W 20191217

Abstract (en)

[origin: CA3122609A1] Walking beam furnace comprising movable (10C) and stationary andirons which are supported by movable (12Q) and stationary keels, respectively, and drive means designed to move a lifting frame (2) and a translation frame (3) according to a rectangular displacement cycle having two vertical positions and an intermediate vertical position according to which the movable andirons are at the same height as the stationary andirons, the furnace further comprising stationary and movable beams (LRM), the movable beams being arranged between the stationary beams and separated from the latter by a space, the movable keels being attached to the movable beams, which are attached to the translation frame and arranged at the same height as the stationary refractory beams in the intermediate position, the furnace further comprising a plurality of skirts (70) attached to the other movable beams defining the separation space and dipping into longitudinal water tanks (40) arranged in line with the separation spaces and attached to one of the beams defining a separation space.

IPC 8 full level

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CPC (source: EP US)

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DOCDB simple family (publication)

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