

Title (en)

METHOD AND DEVICE FOR REMOVING LOOSE MATERIAL ON WAVY SURFACES OF STAMPED COAL USED FOR COKING

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BESEITIGUNG VON LOCKEREM MATERIAL AUF WELLENFÖRMIGEN OBERFLÄCHEN
GESTAMPFTER KOHLE FÜR DIE VERKOKUNG

Title (fr)

PROCÉDÉ ET DISPOSITIF D'ÉLIMINATION DE MATÉRIAU EN VRAC SUR DES SURFACES ONDULÉES DE CHARBON CONCASSÉ POUR
COKÉFACTION

Publication

EP 2035529 A1 20090318 (DE)

Application

EP 07764722 A 20070620

Priority

- EP 2007005398 W 20070620
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Abstract (en)

[origin: US2009321242A1] According to the invention, the loose coal is displaced from the peaks to the valleys of the waves on the narrow, long coal cake and is beaten down on the coal cake. The inventive device comprises at least one scraper (12) and at least one vertically movable impact plate (13) that are disposed one behind another and are fitted with a connection (7) to a holder. Furthermore, means are provided for generating a relative movement between the scraper (12) and the impact plate (13) and between the scraper (12) and a stamping form. The scraper (12) and the impact plate (13) are interconnected by means of a device frame (14) so as to form a structural unit (6) that is connected to the holder. Preferably, the structural unit (6) can be moved along the stamping form and is equipped with a drive unit. For this purpose, the holder encompasses a guide that extends along the stamping form as well as a carriage or a car which can be slid or moved on said guide and to which the unit (6) is connected with the aid of a boom.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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