Title (en)
METHOD AND DEVICE FOR BREAKING UP A FRESH AND HOT COKE CHARGE IN A RECEIVING TROUGH

Title (de)
VERFAHREN UND VORRICHTUNG ZUM AUFBRECHEN EINER FRISCHEN UND WARMEN KOKSLADUNG IN EINER AUFNAHMEWANNE

Title (fr)
PROCÉDÉ ET DISPOSITIF POUR FRACTURER UNE CHARGE DE COKE FRAÎCHE ET CHAUDE DANS UNE CUVE DE RÉCEPTION

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Application
EP 11805405 A 20111208

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Abstract (en)
[origin: WO2012097841A1] The invention relates to a method and a device for breaking up a fresh and hot coke charge in a receiving trough having mobile plate segments, the coke charge being conveyed to a quenching tower in the receiving trough of a flatbed transport car in which the coke charge is cooled down to ambient temperatures by means of mobile plate segments so that the coke structure is broken up and crevice-type cavities are formed in the compacted coke charge. These crevice-type cavities then allow an increased amount of water to flow into the interior of the coke charge during the subsequent quenching step, resulting in a high profitability of the method, a higher coke quality and a reduced burden on the environment due to reduced quenching times and lower water consumption. The invention also relates to a device for carrying out said method.

IPC 8 full level
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