

Title (en)
QUENCH CAR FOR A COKE OVEN

Publication
EP 0206093 A3 19880210 (DE)

Application
EP 86107886 A 19860610

Priority
DE 3521540 A 19850615

Abstract (en)
[origin: US4726465A] A quenching car from coke ovens that serves to receive a carbonized batch from an oven chamber while standing still and is capable of travel alongside a battery of coke ovens to a point under a quenching tower, includes a coke receptacle which is designed as a rectangular box. The receptacle is equipped with a slanted bottom that slants down toward a coke ramp that lies on a side of the car opposite the battery of coke ovens. A front wall of the receptacle facing the coke ramp, is equipped on its lower portion along its entire length with a flap that swings outwardly and which can be pivoted by means of an operating rod and a first operating device from a position in which it holds the receptacle tightly closed into a position in which it is open by the space of a crack in the area of the low point of the slanting bottom. The dump opening of the receptacle meanwhile remains closed by a inner, grate-like flap lining. A second operating device is also provided that also acts on the operating rod independently of the first device and can open the flap to its full extent with the inner flap lining.

IPC 1-7
C10B 39/14

IPC 8 full level
C10B 39/14 (2006.01)

CPC (source: EP US)
C10B 39/14 (2013.01 - EP US)

Citation (search report)
• [X] DE 3344828 C1 19850425 - MANNESMANN AG
• [X] US 4010695 A 19770308 - MANTIONE ANTHONY F

Designated contracting state (EPC)
BE DE FR GB IT

DOCDB simple family (publication)
EP 0206093 A2 19861230; EP 0206093 A3 19880210; EP 0206093 B1 19901122; DE 3521540 A1 19861218; DE 3675694 D1 19910103; IN 165705 B 19891223; US 4726465 A 19880223

DOCDB simple family (application)
EP 86107886 A 19860610; DE 3521540 A 19850615; DE 3675694 T 19860610; IN 620CA1986 A 19860814; US 87428686 A 19860613