

Title (en)
COKE OVEN

Publication
EP 0098565 B1 19871014 (DE)

Application
EP 83106504 A 19830704

Priority
• DE 3225149 A 19820706
• DE 3226885 A 19820717

Abstract (en)
1. A coke-oven with a plurality of horizontal coking chambers and a foreman's gallery extending in front of the coking chambers in the direction of length of the coke-oven, with two lengths of rail extending in the direction of length of the coke-oven, with a coke transfer machine traversable along the lengths of rail in front of the coking chambers carrying a coke-mass guideway with auxiliary equipment such as a door-lifting appliance, a door-cleaning appliance, a doorframe cleaning appliance, and with a coke-watering car traversable on other lengths of rail parallel to the coke transfer machine, in which the length of rail for the coke transfer machine that is more remote from the coking chambers is situated at the side of the coke-watering car that faces away from the coking chambers and the length of rail for the coke transfer machine that is nearer to the coking chambers is situated at or directly in front of the edge of the foreman's gallery that faces the coke watering car, the coke transfer machine is produced as a portal frame construction bridging over the coke watering car but essentially leaving the foreman's gallery exposed, and the coke-mass guideway and the auxiliary equipment of the coke transfer machine are each when necessary extendable over the foreman's gallery up to the appropriate coking chamber, characterised in that a movable collection equipment (8) is provided to collect the dust-laden gases that are released when the coke is pushed, the collection equipment (8) possesses a collector hood (12) solidly mounted on the coke transfer machine (4) and bridging over the coke transfer machine (4) and the coke-watering car (7), the collector hood (12) possesses an additional hood (24) that is extendable over the foreman's gallery (2) up to the coking chambers (1), and the additional hood (24) together with the coke-mass guideway (5) and/or together with the auxiliary equipment is traversable transversely to the direction of traverse of the coke transfer machine (4).

IPC 1-7
C10B 33/00

IPC 8 full level
C10B 33/00 (2006.01); **C10B 33/14** (2006.01)

CPC (source: EP US)
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AT BE CH DE FR GB IT LI LU NL SE

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