

Title (en)
APPARATUS FOR CLEANING A COKE OVEN DOOR FRAME

Publication
EP 0351309 B1 19920429 (FR)

Application
EP 89401990 A 19890711

Priority
FR 8809464 A 19880712

Abstract (en)
[origin: EP0351309A1] The device for cleaning the front (1a, 2a, 3a, 4a) and interior (1b, 2b, 4b) surfaces of a door frame of a coke oven comprises a first structure (11) capable of being brought near, taken away and adjusted in position relative to the door frame to be cleaned, a second structure (12) situated forward of the first structure (11) and movable (A) vertically relative to the latter, guiding means (18) being provided between the first and second structures as well as driving means (21) capable of giving rise alternately to the abovementioned vertical motion, the second structure (12) forming the support for a plurality of tools (23, 27, 36, 40) for scraping the door frame. These tools comprise tools (23) for cleaning the front surfaces (1a, 2a) of the side uprights of the door frame, consisting of milling cutters mounted rotatably in bearings (22) carried laterally by the second structure (12), each milling cutter being integrally attached to a driving shank (24) interacting with a lateral toothed rack (26) carried by the stationary first structure (11), and milling cutters (27) interacting with a toothed rack (31) and mounted rotatably on a trolley (13) driven in a horizontal translational motion (B) by the vertical reciprocation of the movable structure (12). <IMAGE>

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C10B 43/04

IPC 8 full level
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EP 0351309 A1 19900117; EP 0351309 B1 19920429; BR 8903401 A 19900306; DE 68901363 D1 19920604; ES 2030988 T3 19921116; FR 2634216 A1 19900119; FR 2634216 B1 19930514; HU 203384 B 19910729; HU T54725 A 19910328; PT 91116 A 19900208; PT 91116 B 19940729

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