

Title (en)

CHARGING AND DISCHARGING DEVICE OF A KILN FOR THE FIRING OF CERAMIC ARTICLES ON CARS RUNNING ON A CIRCULAR PATH

Publication

EP 0234266 B1 19900411 (DE)

Application

EP 87100755 A 19870121

Priority

- DE 3602076 A 19860124
- DE 3616087 A 19860513

Abstract (en)

[origin: EP0234266A2] 1. Device for the loading and unloading of a kiln car, running on a circular path through a kiln for the firing of ceramic articles, on which the ceramic articles are to be arranged or are arranged on supports, in particular in cassettes, with a device for the staggering and destaggering, extending over the breadth of the circular path, for the supports, resp. cassettes, which is travelling alongside the circular path and under which the kiln cars are moveable, with a device for the loading and unloading of the supports, resp. cassettes, arranged beside, the circular path and with a conveying device, which is arranged above the kiln cars and which extends to the loading and unloading device, characterized by that the conveying device is formed by a conveyor (10) which is designed for the conveying of the cassettes from the circular path (1) to the loading and unloading device (11, 12) and from the loading and unloading device (11, 12) to the circular path (1), and that the conveyor (10) is adjacent laterally to a holder, adapted to its height and extending approx. over the breadth (b) of the circular path (1), which has a conveying device (26) for the longitudinal direction of the circular path with at least two spaces (17, 18) behind each other in the longitudinal direction of the circular path (1) for the supports, resp. cassettes, and that the holder (16) is moveable in longitudinal direction of the circular path (1) between the spaces, in which one of the spaces (17, 18) is in alignment with the conveyor.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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