

Title (en)

MAIL SORTING INSTALLATION WITH A TRAY CONVEYOR WITH RETRACTABLE EDGE AND SHUTTLE ROBOT FOR HANDLING TRAYS

Title (de)

POSTSORTIERANLAGE MIT EINEM FÖRDERBAND FÜR BEHÄLTER MIT VERSENKBARER KANTE, UND FÖRDERROBOTER ZUR HANDHABUNG DER BEHÄLTER

Title (fr)

INSTALLATION DE TRI DE COURRIER AVEC UN CONVOYEUR DE BACS A RIVE ESCAMOTABLE ET SON ROBOT NAVETTE MANIPULATEUR DE BACS

Publication

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Application

EP 19166976 A 20190403

Priority

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Abstract (en)

[origin: US2019308219A1] The sorting installation (1) of the invention for sorting mailpieces (6) includes sorting outlets (2) in line along a sorting conveyor (3), each outlet having a recess (4) for receiving a tray (5) in which sorted mailpieces are stored, and also a tray conveyor (8) that extends under the sorting outlets for transporting the trays filled with sorted mailpieces from the sorting outlets to a feed inlet (7) of the sorting conveyor. The installation of the invention further includes a tray-manipulating shuttle robot (9) suitable for moving along the tray conveyor past the sorting outlets, and for extracting a tray from a recess of a sorting outlet associated with it under the control of a monitoring and control unit (19) so as to transfer it to the tray conveyor.

IPC 8 full level

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