

Title (en)

MAIL SORTING FACILITY WITH A SHUTTLE ROBOT FOR INJECTING TRAYS ONTO A CONVEYOR

Title (de)

POSTSORTIERANLAGE MIT EINEM SHUTTLE-ROBOTER ZUM EINSPRITZEN VON SCHALEN AUF EINEM FÖRDERBAND

Title (fr)

INSTALLATION DE TRI DE COURRIER AVEC UN ROBOT NAVETTE D'INJECTION DE BACS SUR CONVOYEUR

Publication

EP 3752297 A1 20201223 (FR)

Application

EP 18833278 A 20181212

Priority

- FR 1851194 A 20180213
- FR 2018053220 W 20181212

Abstract (en)

[origin: CA3090209A1] The sorting facility (1) according to the invention comprises sorting outputs (2) aligned along a sorting conveyor (3) each provided with a housing (4) for a tray (5) in which sorted mail items (6) are stored. The facility also comprises a tray conveyor (8) which extends in a certain conveying direction (F2) under said sorting outlets in order to transport the trays filled with sorted mail items from the sorting outlets to a feed inlet (7) of the sorting conveyor. The facility further comprises a shuttle robot (9) capable of autonomously rolling on the ground (S1) along the sorting outlets, said robot comprising a handling means (12) capable of removing a tray from a housing of a sorting outlet and placing it lengthwise on the tray conveyor.

IPC 8 full level

B07C 3/00 (2006.01)

CPC (source: EP US)

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Citation (search report)

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