

Title (en)

DEVICE FOR CHANGING THE DIRECTION OF TRANSPORT OF LETTERS AND SIMILAR RECTANGULAR ARTICLES

Publication

EP 0073388 A3 19830427 (DE)

Application

EP 82107406 A 19820814

Priority

DE 3134266 A 19810829

Abstract (en)

[origin: US4527792A] An apparatus for changing the direction of motion of rectangular pieces of mail from a path parallel to a long edge of the pieces of mail to a path parallel to the short edge thereof, comprises a first conveying segment having an end section which moves the pieces of mail in a direction parallel to their long edge but displaceable so that the pieces of mail can be moved in addition by another mechanism. At the end of the first conveying segment, a first deflecting device is provided for engaging a leading edge of the pieces of mail and deflecting them for movement into a second direction but, at the same time, holding the pieces of mail so their edges remain parallel throughout the operation. A second conveying segment is provided for receiving the pieces of mail from the first deflecting device and conducting the pieces of mail along the second direction to a second deflecting device. The downstream end of the second conveying segment also includes a section which permits displaceable conveyance of the pieces of mail, that is conveyance of the pieces of mail while permitting movement of the pieces of mail by another device. The second deflecting device seizes the pieces of mail as they come from the second conveying segment and conduct them, again in parallel orientation, into a third direction which is substantially at 90 DEG to the first direction.

IPC 1-7

B07C 1/18

IPC 8 full level

B07C 1/18 (2006.01); **B65H 29/12** (2006.01)

CPC (source: EP US)

B07C 1/18 (2013.01 - EP US); **B65H 29/12** (2013.01 - EP US); **B65H 2301/34112** (2013.01 - EP US)

Citation (search report)

- [X] DE 2743816 A1 19790412 - STANDARD ELEKTRIK LORENZ AG
- [YD] DE 1116602 B 19611102 - TELEFUNKEN PATENT
- [Y] DE 1234629 B 19670216 - TELEFUNKEN PATENT
- [Y] DE 1143656 B 19630214 - TELEFUNKEN PATENT

Cited by

US5478063A; DE4243986C2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0073388 A2 19830309; **EP 0073388 A3 19830427**; **EP 0073388 B1 19861120**; DE 3134266 A1 19830317; DE 3134266 C2 19841129; DE 3274334 D1 19870108; US 4527792 A 19850709

DOCDB simple family (application)

EP 82107406 A 19820814; DE 3134266 A 19810829; DE 3274334 T 19820814; US 41133982 A 19820825