

Title (en)

Method for treating objects, particularly for automatic mail sorting machine.

Title (de)

System zum Handhaben von Gegenständen, insbesondere für selbsttätige Postsortiermaschine.

Title (fr)

Système de manipulation d'objets notamment pour machine de tri automatique de courrier.

Publication

EP 0559553 A1 19930908

Application

EP 93400534 A 19930302

Priority

FR 9202513 A 19920303

Abstract (en)

Article-handling system which comprises a support frame defining a horizontal upper work surface (20), characterised in that it furthermore comprises means (24) for supporting a receptacle (22) for the final gathering of the articles, an elongate plate (10) mounted so as to pivot in relation to a spindle device (72, 74), and means for holding the said articles (26) comprising elongate support means (28) arranged parallel to the length of the said plate in its horizontal position, this position being constrained to remain unable to move in relation to the said upper work surface, at least in the vertical direction, a first element (30) for holding the said articles, integral with a first end of the said support means and a second element (32) for holding the said articles, this second element being mounted so as to move in relation to the said support means and being guided by these, return means (40) tending to bring the said second holding element closer to the said first holding element, and means (42) for positioning the said articles, which means are integral with the said support means and arranged parallel to the said plate. <IMAGE>

Abstract (fr)

Système de manipulation d'objets qui comprend un bâti définissant une surface supérieure horizontale (20) de travail, caractérisé en ce qu'il comprend en outre des moyens (24) pour supporter un réceptacle (22) de recueil final des objets, une plaque allongée (10) montée pivotante par rapport à un dispositif d'axe (72, 74), et des moyens de maintien desdits objets (26) comprenant des moyens support allongés (28) disposés parallèlement à la longueur de ladite plaque dans sa position horizontale et assujettie à rester immobile par rapport à ladite surface supérieure de travail au moins dans la direction verticale, un premier élément de maintien (30) desdits objets solidaires d'une première extrémité desdits moyens support et un deuxième élément de maintien (32) desdits objets monté mobile par rapport auxdits moyens support et guidé par ceux-ci, des moyens de rappel (40) tendant à rapprocher ledit deuxième élément de maintien dudit premier élément de maintien, et des moyens de positionnement desdits objets (42) solidaires desdits moyens support et disposés parallèlement de ladite plaque. <IMAGE>

IPC 1-7

B65H 31/06

IPC 8 full level

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CPC (source: EP US)

B07C 3/008 (2013.01 - EP US); **B65H 31/06** (2013.01 - EP US); **B65H 31/3009** (2013.01 - EP US); **B65H 2301/422548** (2013.01 - EP US); **B65H 2301/42261** (2013.01 - EP US); **B65H 2402/54** (2013.01 - EP US); **B65H 2404/254** (2013.01 - EP); **B65H 2701/1916** (2013.01 - EP US); **Y10S 414/103** (2013.01 - EP); **Y10S 414/12** (2013.01 - EP)

Citation (search report)

[A] US 3865365 A 19750211 - HARDIN WILLIAM WARNER, et al

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US5890822A; EP3257593A1; FR2721299A1; US5662454A; CN111570291A; US10196225B2; US6508352B1; WO0034165A1; WO0034166A1

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