

Title (en)
APPARATUS AND METHOD FOR CONVEYING AND SORTING ARTICLES

Title (de)
VORRICHTUNG UND VERFAHREN ZUM FÖRDERN UND SORTIEREN VON STÜCKGÜTERN

Title (fr)
DISPOSITIF ET PROCÉDÉ POUR TRANSPORTER ET TRIER DES COLIS

Publication
EP 4021832 A1 20220706 (DE)

Application
EP 20764040 A 20200818

Priority
• EP 19193622 A 20190826
• EP 20168605 A 20200408
• EP 2020073112 W 20200818

Abstract (en)
[origin: US2022306398A1] An apparatus and a method convey and sort articles. The apparatus contains a link conveyor, having link elements, pushing-off elements, drive elements, and a control device. The link conveyor runs along a belt-movement line and has along the belt-movement line the link elements which are arranged to follow one after the other and form a conveying surface for the articles. In each case one pushing-off element can be arranged on one of the link elements, above the conveying surface, and therefore the pushing-off element runs along the belt-movement line together with the link element, and the pushing-off element can be moved, and stopped, along a pushing-off-line, which is arranged transversely to the belt-movement line. The drive elements each drive one or more pushing-off elements individually, and therefore the operations of moving and stopping these pushing-off elements, which are arranged to follow one after the other, are independent of one another.

IPC 8 full level
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Citation (search report)
See references of WO 2021037610A1

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