

Title (en)

A process used to sort out goods loaded in bulk on conveyor systems according to a specific order, item by item

Title (de)

Verfahren zum Sortieren von Massengütern mittels eines Fördersystems

Title (fr)

Procédé de triage des marchandises en vrac au moyen d'un système de convoyage

Publication

EP 1160182 A1 20011205 (EN)

Application

EP 01830336 A 20010525

Priority

IT AN20000017 A 20000531

Abstract (en)

The present invention relates to a process used to sort out a lot of items loaded in bulk on a conveyor system according to a predefined order. This process is basically characterised by the fact that it includes two different phases to separate the items thanks to the presence on the conveyor system of two groups of exits; it being provided, in particular, that the first separation phase carried out with the first group of exits is preliminary to the second and final separation phase carried out with the second group of exits, that is the phase that allows to sort out the items according to the predefined order.

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B65G 47/51; **B65G 37/02**

IPC 8 full level

B07C 3/00 (2006.01)

CPC (source: EP)

B07C 3/00 (2013.01)

Citation (search report)

- [Y] US 5353938 A 19941011 - LAGRANGE HERV E [FR], et al
- [Y] US 5238122 A 19930824 - HART NORBERT [DE]
- [A] US 5799800 A 19980901 - LUX DIETRICH [DE]
- [A] US 5687850 A 19971118 - SPECKHART BERNARD S [US], et al

Cited by

GB2366561A; GB2366561B

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1160182 A1 20011205; **EP 1160182 B1 20041208**; AT E284362 T1 20041215; DE 60107616 D1 20050113; DE 60107616 T2 20060105; IT 1316729 B1 20030512; IT AN20000017 A0 20000531; IT AN20000017 A1 20011201

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