

Title (en)
SORTING DEVICE FOR GOODS TO BE TRANSPORTED ESPECIALLY IN A SUSPENDED MANNER, AND METHOD FOR OPERATING ONE SUCH SORTING DEVICE

Title (de)
SORTIEREINRICHTUNG FÜR INSBESONDERE HÄNGEND GEFÖRDERTES FÖRDERGUT UND VERFAHREN ZUM BETRIEB EINER SOLCHEN

Title (fr)
DISPOSITIF DE TRI POUR PRODUITS A TRANSPORTER, NOTAMMENT DE MANIERE SUSPENDUE ET PROCEDE PERMETTANT DE LE FAIRE FONCTIONNER

Publication
EP 1434724 A1 20040707 (DE)

Application
EP 02785186 A 20021009

Priority
• DE 10149910 A 20011010
• EP 0211322 W 20021009

Abstract (en)
[origin: WO03031291A1] The invention relates to a sorting device for goods to be transported especially in a suspended manner, especially items of clothing hanging on coat hangers (10). Said sorting device comprises a sorting transport path (14) which can be supplied with the goods to be transported at at least one feeding station (30, 32), and along which the goods to be transported can be transported on driven running elements, for example individual hanger carriers (12), in a transport direction. A plurality of separating branches (24) fork off from the sorting transport path (14), on which the goods to be transported by the sorting transport path (14) can be selectively separated by means of separating means. According to the invention, the sorting transport path (14) is embodied as a continuous circumferential path, whereby the separating branches (24) are grouped together into at least two separating banks (26, 28) distributed along said circumferential path (14), between which a feeding station (30, 32) is respectively provided.

IPC 1-7
B65G 1/137; **B65G 47/61**; **B07C 3/08**; **B65G 47/50**; **B65G 19/02**

IPC 8 full level
B65G 1/137 (2006.01); **B65G 19/02** (2006.01); **B65G 47/50** (2006.01); **B65G 47/61** (2006.01); **D06F 93/00** (2006.01)

CPC (source: EP US)
B65G 1/137 (2013.01 - EP US); **B65G 19/025** (2013.01 - EP US); **B65G 47/50** (2013.01 - EP US); **B65G 47/61** (2013.01 - EP US); **D06F 93/00** (2013.01 - EP US)

Citation (search report)
See references of WO 03031291A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03031291 A1 20030417; DE 10149910 A1 20030424; EP 1434724 A1 20040707; US 2004262123 A1 20041230

DOCDB simple family (application)
EP 0211322 W 20021009; DE 10149910 A 20011010; EP 02785186 A 20021009; US 49105304 A 20040813