

Title (en)
Roller conveyor

Title (de)
Rollenförderer

Title (fr)
Convoyeur à rouleaux

Publication
EP 0885664 A3 19990421 (DE)

Application
EP 98110566 A 19980609

Priority
DE 29710813 U 19970620

Abstract (en)
[origin: EP0885664A2] The rollers (R1-R40) of the conveyors are positioned so closely together, that any goods not positioned correctly in a container (B1) are still supported by at least two rollers. These goods are not held by the track guidance aids (F1), but are moved into a collector located next to the rollers of the conveyor. The roller conveyor is of double-row construction, and the collector is located between the rows. The rollers within the two rows may be driven at different speeds, and can be at different angles relative to the direction of transportation. The rollers may be covered by a surface material, which can have a higher friction factor relative to the goods than relative to the container material.

IPC 1-7
B07C 1/02

IPC 8 full level
B07C 1/02 (2006.01); **B07C 3/08** (2006.01)

CPC (source: EP)
B07C 3/087 (2013.01)

Citation (search report)
• [A] EP 0727371 A1 19960821 - SANTRADE LTD [CH]
• [A] DE 2643709 A1 19770512 - RAPISTAN INC
• [A] DE 3023008 A1 19820107 - MOHNDRUCK REINHARD MOHN OHG [DE]
• [A] US 5634562 A 19970603 - ISAACS GERALD A [US]

Cited by
EP3381842A1; CN108657789A; US10336556B2

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

DOCDB simple family (publication)
DE 29710813 U1 19970814; DE 59805289 D1 20021002; EP 0885664 A2 19981223; EP 0885664 A3 19990421; EP 0885664 B1 20020828

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DE 29710813 U 19970620; DE 59805289 T 19980609; EP 98110566 A 19980609