

Title (en)  
Sorting system for postal items

Title (de)  
Sortiersystem für Postsendungen

Title (fr)  
Système de tri pour articles postaux

Publication  
**EP 2546001 A1 20130116 (EN)**

Application  
**EP 11425155 A 20110710**

Priority  
EP 11425155 A 20110710

Abstract (en)  
A sorting system for flat postal items (3) wherein an input transport system (4) provides a feed path (5) for postal items (3) which are supplied to a selector device (7) that is configured to route the items alternatively to a first or to a second output transport system (9 and 10), respectively comprising a first output belt (20) that extends from at least one first end pulley (21) close to selector device (7) and a second output belt (22) that extends from at least one second end pulley (23) close to selector device (7). The first and the second end pulley (21 and 23) are mounted in alignment in the axial direction on a single support element (30) and in an eccentric manner; the distance between the axis (21h) of the first pulley (21) and the axis (23h) of the second pulley (23) is less than the respective radii R1 and R2 of the two pulleys (21, 23).

IPC 8 full level  
**B07C 3/06** (2006.01)

CPC (source: EP)  
**B07C 3/065** (2013.01); **B65H 29/12** (2013.01); **B65H 29/58** (2013.01); **B65H 2301/321** (2013.01); **B65H 2301/44316** (2013.01); **B65H 2301/4474** (2013.01); **B65H 2404/252** (2013.01); **B65H 2404/261** (2013.01); **B65H 2404/264** (2013.01); **B65H 2404/632** (2013.01)

C-Set (source: EP)  
1. **B65H 2301/4474** + **B65H 2220/01**  
2. **B65H 2301/4474** + **B65H 2220/02**

Citation (search report)  
[X] DE 3424389 A1 19850314 - POLYGRAPH LEIPZIG [DD]

Cited by  
CN110624840A; US2016145063A1; US9845213B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2546001 A1 20130116**

DOCDB simple family (application)  
**EP 11425155 A 20110710**