

Title (en)
Device for transferring folding boxes

Title (de)
Vorrichtung zum Übergeben von Faltschachteln

Title (fr)
Dispositif de transmission de boîtes pliantes

Publication
EP 2607069 B1 20140219 (DE)

Application
EP 11195126 A 20111222

Priority
EP 11195126 A 20111222

Abstract (en)
[origin: EP2607069A1] The device has a planetary carrier (18) driven in a predetermined rotational direction at a predetermined rotational speed around a stationary axis. Roller star units (34, 36) are arranged to be guided along curved guide surfaces (52, 54) of two cam disks (48, 50). The curved guide surfaces are arranged on an outside periphery of the cam disks. A drive for the cam disk units is designed to rotate the cam disk units around a horizontal axis (20) in a rotational direction of the carrier at the predetermined rotational speed, which is double than the rotational speed of the carrier.

IPC 8 full level
B31B 1/00 (2006.01)

CPC (source: EP US)
B31B 50/00 (2017.07 - EP US); **B31B 50/07** (2017.07 - EP US); **B31B 50/80** (2017.07 - EP US); **B65H 3/0808** (2013.01 - US); **B65H 3/085** (2013.01 - US); **B65H 3/0883** (2013.01 - US); **B65H 3/42** (2013.01 - US); **B65H 5/12** (2013.01 - US); **B65H 5/14** (2013.01 - US); **B31B 50/804** (2017.07 - EP US); **B31B 2100/00** (2017.07 - EP US); **B31B 2120/30** (2017.07 - EP US); **B65H 2406/341** (2013.01 - US); **B65H 2406/344** (2013.01 - US)

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

DOCDB simple family (publication)
EP 2607069 A1 20130626; EP 2607069 B1 20140219; US 2013161892 A1 20130627; US 9126382 B2 20150908

DOCDB simple family (application)
EP 11195126 A 20111222; US 201213689096 A 20121129