

Title (en)

A CARBOARD PACKER, AND A BLANK PICKER FOR A CARBOARD PACKER

Title (de)

KARTONVERPACKUNGSMASCHINE UND ZUSCHNITTGREIFER FÜR EINE KARTONVERPACKUNGSMASCHINE

Title (fr)

EMPAQUETEUR DE CARTON ET RAMASSEUR D'ÉBAUCHES POUR EMPAQUETEUR DE CARTON

Publication

**EP 3819240 A1 20210512 (EN)**

Application

**EP 20204603 A 20201029**

Priority

EP 19207731 A 20191107

Abstract (en)

A cardboard packer (10) is provided, comprising a blank magazine (12), a blank feeder (20), and a blank picker (100) for transporting a single blank (50) from the magazine (12) to the feeder (20). The blank picker (100) comprises an upper picking unit (110) configured to attach to an upper portion of the blank (50), and a bottom picking unit (120) configured to attach to a bottom portion of the blank (50).

IPC 8 full level

**B65H 3/08** (2006.01); **B65B 43/18** (2006.01); **B65H 7/02** (2006.01); **B65H 7/16** (2006.01)

CPC (source: EP US)

**B65B 43/185** (2013.01 - EP US); **B65H 3/0808** (2013.01 - EP US); **B65H 3/0883** (2013.01 - EP US); **B65H 7/02** (2013.01 - EP US); **B65H 7/16** (2013.01 - EP US); **B65H 2405/20** (2013.01 - EP US); **B65H 2406/342** (2013.01 - EP US); **B65H 2513/512** (2013.01 - EP US); **B65H 2701/1766** (2013.01 - EP US); **B65H 2801/81** (2013.01 - EP US)

Citation (search report)

- [XAI] EP 1394049 A1 20040303 - SIG TECHNOLOGY LTD [CH]
- [XAI] WO 2008047008 A1 20080424 - SIDEL PARTICIPATIONS [FR], et al
- [XAI] WO 2015091977 A1 20150625 - TETRA LAVAL HOLDINGS & FINANCE [CH]

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 3819240 A1 20210512**; **EP 3819240 B1 20220615**; CN 114641442 A 20220617; US 2023030864 A1 20230202; WO 2021089404 A1 20210514

DOCDB simple family (application)

**EP 20204603 A 20201029**; CN 202080077146 A 20201029; EP 2020080388 W 20201029; US 202017772862 A 20201029