

Title (en)

BOX-MAKING MACHINE AND DEFECTIVE PRODUCT REMOVAL DEVICE THEREOF

Title (de)

SCHACHTELHERSTELLUNGSMASCHINE UND VORRICHTUNG DAFÜR ZUR ENTFERNUNG DEFEKTER PRODUKTE

Title (fr)

MACHINE À FABRIQUER DES BOÎTES ET SON DISPOSITIF DE RETRAIT DE PRODUITS DÉFECTUEUX

Publication

EP 2623305 A4 20161026 (EN)

Application

EP 11828820 A 20110915

Priority

- JP 2010222718 A 20100930
- JP 2011071126 W 20110915

Abstract (en)

[origin: EP2623305A1] In a defective product removing device for a box macking machine and a box macking machine, a manufacturing line of a cardboard box (B) is provided with a quality determining device (101) that determines a quality of a conveyed cardboard sheet (S) by performing a predetermined inspection thereon, a defective product removing portion (51) that removes the cardboard sheet (S) of which a surface is subjected to creasing processing and slotting from the manufacturing line, and a sorting device (102) that operates the defective product removing portion (51) with respect to the cardboard sheet (S) determined as a defective product by the quality determining device (101), thereby appropriately removing the sheet material as the defective product and improving the working efficiency.

IPC 8 full level

B31B 1/26 (2006.01); **B31B 50/04** (2017.01); **B31B 50/20** (2017.01); **B31B 50/25** (2017.01); **B31B 50/62** (2017.01); **B31B 50/83** (2017.01); **B65H 29/62** (2006.01); **B65H 43/04** (2006.01)

CPC (source: EP KR US)

B31B 50/04 (2017.07 - KR); **B31B 50/20** (2017.07 - KR); **B31B 50/62** (2017.07 - KR); **B31B 50/83** (2017.07 - KR); **B65H 29/62** (2013.01 - EP US); **B65H 43/04** (2013.01 - EP US); **B31B 50/005** (2017.07 - EP US); **B31B 50/006** (2017.07 - EP US); **B31B 50/042** (2017.07 - EP US); **B31B 50/046** (2017.07 - EP US); **B31B 2100/00** (2017.07 - EP US); **B31B 2120/30** (2017.07 - EP US); **B65H 2701/176** (2013.01 - EP US)

Citation (search report)

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- [XY] EP 1577082 A1 20050921 - FLYTEC SPEZIALMASCHINEN GMBH [DE]
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