

Title (en)

Arrangement for filling and emptying boxes

Title (de)

Vorrichtung zum Befüllen und zur Entnahme von Schachteln

Title (fr)

Dispositif de remplissage et de vidage de caisses

Publication

**EP 1327585 A1 20030716 (EN)**

Application

**EP 02080131 A 20021204**

Priority

NL 1019491 A 20011205

Abstract (en)

The invention relates to an arrangement for filling boxes (2) and for emptying boxes (2), for example with potatoes. The arrangement comprises a frame (1), onto which two supports (9) are mounted onto which boxes (2) can be placed. With the aid of hydraulic cylinders (14,16) the supports (9) may be canted. While emptying, the potatoes roll onto a conveyer (4). While filling, the same conveyer (4) is used for filling the boxes (2) layer by layer. <IMAGE>

IPC 1-7

**B65B 25/04; B65B 69/00**

IPC 8 full level

**B65B 25/04** (2006.01); **B65B 69/00** (2006.01)

CPC (source: EP)

**B65B 25/046** (2013.01); **B65B 69/00** (2013.01)

Citation (search report)

- [A] GB 2246106 A 19920122 - DOWNS E W & SON LTD [GB]
- [A] WO 9834834 A1 19980813 - GORDON & INNES LIMITED [GB], et al
- [A] US 3767073 A 19731023 - DE GREEF J
- [A] US 2805785 A 19570910 - CHARLES PREUSS
- [A] EP 0352841 A1 19900131 - GREEFS WAGEN CARROSSERIE [NL]
- [A] DE 19720650 A1 19981119 - FALLER KG AUGUST [DE], et al

Cited by

GB2525518A; WO2014128481A1; US11685565B2; WO2015193823A1

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