

Title (en)

Bag supplying apparatus for a bag-filling packaging machine

Title (de)

Vorrichtung zum Zuführen von Beuteln für eine Füll- und Verpackungsmaschine

Title (fr)

Dispositif d'alimentation sacs pour une machine de remplissage-emballage les sacs

Publication

EP 1520788 A3 20070321 (EN)

Application

EP 04023023 A 20040928

Priority

JP 2003339056 A 20030930

Abstract (en)

[origin: EP1520788A2] A bag supplying apparatus for a bag-filling packaging machine, including a vibrating feeder that involves a trough (6) in which bags are placed in a cascade fashion and a vibration driver (7) which vibrates the trough (6) so as to cause the bags (W0) to be conveyed forward, a positioning stopper (2) provided at a final end of a conveying path of the bags so that the tip end of a leading bag (W1) being conveyed comes into contact with the stopper (2), and a suction disk (3) that suction-chucks and lifts a bag positioned by the position stopper (2) and feeds the bag to another location.

IPC 8 full level

B65B 35/14 (2006.01); **B65B 43/18** (2006.01); **B65B 43/14** (2006.01); **B65H 1/22** (2006.01); **B65H 3/08** (2006.01)

CPC (source: EP US)

B65B 43/14 (2013.01 - EP US); **B65H 1/22** (2013.01 - EP US); **B65H 3/0816** (2013.01 - EP US); **B65H 2301/441** (2013.01 - EP US); **B65H 2701/191** (2013.01 - EP US)

Citation (search report)

- [DA] JP H01120204 A 19890512 - ISEKI AGRICULT MACH
- [DA] JP H03117411 A 19910520 - ISEKI AGRICULT MACH
- [DA] JP H10194238 A 19980728 - GEN PACKER CO LTD
- [A] US 3673759 A 19720704 - AYRES RICHARD H, et al
- [A] US 2817936 A 19571231 - PETERSON WILLIAM R
- [A] US 4537015 A 19850827 - INGLET JR WILFRED L [US], et al

Cited by

EP2149499A1; US8122692B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

EP 1520788 A2 20050406; **EP 1520788 A3 20070321**; JP 2005104505 A 20050421; US 2005067754 A1 20050331

DOCDB simple family (application)

EP 04023023 A 20040928; JP 2003339056 A 20030930; US 95359404 A 20040929