

Title (en)

CONTAINER STORAGE BOX FOR DEFORMABLE CONTAINER CONTAINING FINE PARTICLES FOR IMAGE FORMATION

Title (de)

BEHÄLTER-LAGERBOX FÜR EINEN DEFORMIERBAREN BEHÄLTER, DERFEINPARTIKEL FÜR DIE BILDERZEUGUNG ENTHÄLT

Title (fr)

BOITIER DE STOCKAGE DE CONTENANT POUR CONTENANT DEFORMABLE CONTENANT DE FINES PARTICULES DESTINEES A LA FORMATION D'IMAGES

Publication

EP 1668427 A4 20110511 (EN)

Application

EP 04788455 A 20040929

Priority

- JP 2004014690 W 20040929
- JP 2003340486 A 20030930
- JP 2003428439 A 20031224
- JP 2004269310 A 20040916

Abstract (en)

[origin: WO2005031471A1] A container storage box of the present invention holds a flexible container that includes a flexible part and is capable of discharging its fluid contents for an image forming apparatus. The flexible container is taken out of the container storage box and is placed in a container loading part of the image forming apparatus. The container storage box has rigid sidewalls that prevent the flexible container from deforming during storage. The rigid sidewalls keep the flexible a container in a configuration that is adapted to a container loading part of the image forming apparatus.

IPC 8 full level

B65D 5/10 (2006.01); **B65D 5/18** (2006.01); **B65D 5/42** (2006.01); **B65D 5/66** (2006.01); **B65D 77/06** (2006.01); **B65D 83/06** (2006.01); **G03G 15/00** (2006.01); **G03G 15/08** (2006.01); **G03G 21/16** (2006.01)

CPC (source: EP KR US)

B65D 5/18 (2013.01 - EP US); **B65D 5/6685** (2013.01 - EP US); **B65D 77/062** (2013.01 - EP US); **G03G 15/06** (2013.01 - KR); **G03G 15/08** (2013.01 - KR); **G03G 15/0855** (2013.01 - EP US); **G03G 15/0865** (2013.01 - EP US); **G03G 15/0874** (2013.01 - EP US); **G03G 2215/068** (2013.01 - EP US); **G03G 2215/0682** (2013.01 - EP US); **G03G 2215/0875** (2013.01 - EP US)

Citation (search report)

- [XD] EP 1115036 A1 20010711 - RICOH KK [JP]
- [XD] US 6304739 B1 20011016 - KATSUYAMA GORO [JP], et al
- See references of WO 2005031471A1

Citation (examination)

JP H10167250 A 19980623 - YAMAJIN BUSSAN KK, et al

Designated contracting state (EPC)

DE ES FR GB IT NL

DOCDB simple family (publication)

WO 2005031471 A1 20050407; CN 100375930 C 20080319; CN 1705917 A 20051207; EP 1668427 A1 20060614; EP 1668427 A4 20110511; JP 2005206242 A 20050804; JP 4584659 B2 20101124; KR 100660000 B1 20061222; KR 20060009229 A 20060131; US 2006191984 A1 20060831

DOCDB simple family (application)

JP 2004014690 W 20040929; CN 200480001426 A 20040929; EP 04788455 A 20040929; JP 2004269310 A 20040916; KR 20057009786 A 20050530; US 53518405 A 20050517