

Title (en)
COMPOSITION FOR TREATING SURFACES OF FLAT OBJECTS TO PRODUCE PREDETERMINED SEPARATION POINTS IN A PLURALITY OF SUCH FLAT OBJECTS ARRANGED AT LEAST PARTIALLY IN A PILE

Title (de)
ZUSAMMENSETZUNG ZUR BEHANDLUNG VON OBERFLÄCHEN VON FLÄCHIGEN GEGENSTÄNDEN ZUM ERZEUGEN VON VORBESTIMMTEN TRENNSTELLEN IN EINER ANZAHL VON MINDESTENS TEILWEISE AUFEINANDERLIEGENDEN, DERARTIGEN GEGENSTÄNDEN

Title (fr)
COMPOSITION POUR LE TRAITEMENT DE SURFACES D'OBJETS PLATS EN VUE DE PRODUIRE DES POINTS DE SEPARATION PREDETERMINES DANS UNE PLURALITE DE TELS OBJETS AU MOINS PARTIELLEMENT SUPERPOSES

Publication
EP 0975539 B1 20011017 (DE)

Application
EP 98910566 A 19980407

Priority
• CH 9800128 W 19980407
• CH 88897 A 19970416

Abstract (en)
[origin: WO9846507A1] The inventive composition (3) contains an anti-static agent and a lubricating agent. A flat object (2) with a surface which has been treated with this type of composition acts as a predetermined separation point in a plurality of such objects arranged at least partially in a pile. The lubricating agent reduces the friction coefficient between the treated surface and the surface of the next object and therefore reduces the static friction between the two objects. The anti-static agent reduces the static charge of the objects in contact with each other and therefore also reduces the bond which can be produced between these objects by static charging. These two effects ensure that in a plurality of flat objects which are arranged on top of one another and are statically charged by means of a field of direct current, a displacement force (11) from a component parallel to the main surfaces of the objects produces a displacement at the point of the treated surface.

IPC 1-7
B65H 3/18; **B65H 33/06**

IPC 8 full level
B42F 21/00 (2006.01); **B65H 3/18** (2006.01); **B65H 33/06** (2006.01)

CPC (source: EP US)
B65H 3/18 (2013.01 - EP US); **B65H 33/06** (2013.01 - EP US); **B65H 2701/176** (2013.01 - EP US); **Y10T 428/25** (2015.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE DK FR GB IT LI NL SE

DOCDB simple family (publication)
WO 9846507 A1 19981022; **WO 9846507 A9 20001005**; AT E207030 T1 20011115; AU 6493198 A 19981111; AU 726817 B2 20001123; CA 2286595 A1 19981022; DE 59801783 D1 20011122; DK 0975539 T3 20020211; EP 0975539 A1 20000202; EP 0975539 B1 20011017; JP 2001523203 A 20011120; RU 2196050 C2 20030110; US 6569817 B1 20030527

DOCDB simple family (application)
CH 9800128 W 19980407; AT 98910566 T 19980407; AU 6493198 A 19980407; CA 2286595 A 19980407; DE 59801783 T 19980407; DK 98910566 T 19980407; EP 98910566 A 19980407; JP 54334198 A 19980407; RU 99121638 A 19980407; US 40298999 A 19991013