

Title (en)  
DEVICE FOR COUNTING SHEET-LIKE OBJECTS

Title (de)  
VORRICHTUNG ZUM ZÄHLEN VON FLÄCHIGEN GEGENSTÄNDEN

Title (fr)  
DISPOSITIF POUR COMPTER DES OBJETS PLANS

Publication  
**EP 1044428 B1 20011128 (DE)**

Application  
**EP 98960983 A 19981229**

Priority  
• CH 9800559 W 19981229  
• CH 298497 A 19971230

Abstract (en)  
[origin: WO9935613A1] The invention relates to a conveyor device driven at a conveying speed (v1) in a direction of conveyance (F) and designed for transporting objects (10) arranged in an overlapping arrangement (S) in which each object rests on the following one. A contact element (26) mounted on a guiding means (22) extending in the direction of conveyance (F) is moved back and forth by means of a drive (34). Said contact element (26) in at least one section of the guiding means (22) moves in the direction of conveyance (F) at a speed (v2) which is greater than the conveying speed (v1). When the contact element (26) comes into contact with the rear edge (18) of an object (10) a signal is sent to the counter (48). The guiding means (22) arranged above the conveyor device (12) is immovably connected to a reference element (56) which is designed to contact the arrangement (S) from above.

IPC 1-7  
**G06M 7/00**

IPC 8 full level  
**G06M 7/00** (2006.01)

CPC (source: EP US)  
**G06M 7/00** (2013.01 - EP US); **G06M 2207/02** (2013.01 - EP US); **Y10S 198/958** (2013.01 - EP US)

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

DOCDB simple family (publication)  
**WO 9935613 A1 19990715**; AU 1658399 A 19990726; AU 750749 B2 20020725; CA 2311397 A1 19990715; DE 59802276 D1 20020110; DK 1044428 T3 20020211; EP 1044428 A1 20001018; EP 1044428 B1 20011128; US 6349125 B1 20020219

DOCDB simple family (application)  
**CH 9800559 W 19981229**; AU 1658399 A 19981229; CA 2311397 A 19981229; DE 59802276 T 19981229; DK 98960983 T 19981229; EP 98960983 A 19981229; US 58219000 A 20000622