

Title (en)  
SHEET CHANGER.

Title (de)  
BLATTWECHSLER.

Title (fr)  
CHANGEUR DE FEUILLES.

Publication  
**EP 0343213 A1 19891129 (DE)**

Application  
**EP 88910013 A 19881115**

Priority  
DE 3739499 A 19871121

Abstract (en)  
[origin: WO8904989A1] A sheet changer which cyclically changes the distribution of a pile of sheets comprises a housing and a drawer which can be slid out of the housing. The pile of sheets is compressed by a spring arrangement against a window arranged in the housing. When the drawer moves, the pressure causes excessive friction, which is reduced by friction-reducing elements arranged between the drawer and the housing or the compression arrangement at the points on which the force of the spring is exerted.

Abstract (de)  
Blattwechsler für das zyklische Umschichten eines Stapels von Blättern mit einem Gehäuse und einem aus diesem herausziehbaren Schieber. Der Blattstapel wird von einer Federanordnung gegen ein im Gehäuse ausgebildetes Sichtfenster gepreßt. Bei der Bewegung des Schiebers führt der Andruck zu starker Reibung, die dadurch gemildert wird, daß an den Stellen, wo die Federkraft jeweils wirkt, reibungsmindernde Elemente zwischen dem Schieber und dem Gehäuse bzw. der Andruckanordnung vorgesehen sind. Abstract A sheet changer which cyclically changes the distribution of a pile of sheets comprises a housing and a drawer which can be slid out of the housing. The pile of sheets is compressed by a spring arrangement against a window arranged in the housing. When the drawer moves, the pressure causes excessive friction, which is reduced by friction-reducing elements arranged between the drawer and the housing or the compression arrangement at the points on which the force of the spring is exerted.

Abstract (fr)  
Un changeur de feuilles qui modifie cycliquement la distribution d'une pile de feuilles comprend un boîtier et un tiroir qui peut sortir par glissement du boîtier. La pile de feuilles est comprimée par un agencement à ressort contre une fenêtre ménagée dans le boîtier. Lorsque le tiroir se déplace, la pression cause un frottement excessif, qui est réduit par des éléments réducteurs du frottement agencés entre le tiroir et le boîtier ou l'agencement de compression aux endroits sur lesquels s'exerce la force des ressorts.

IPC 1-7  
**G03B 23/02**

IPC 8 full level  
**B42F 17/00** (2006.01); **B42F 17/18** (2006.01); **G02B 27/02** (2006.01); **G03B 23/02** (2006.01)

CPC (source: EP KR)  
**B42F 17/18** (2013.01 - EP); **G02B 27/022** (2013.01 - EP); **G03B 23/02** (2013.01 - EP KR)

Citation (search report)  
See references of WO 8904989A1

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

DOCDB simple family (publication)  
**WO 8904989 A1 19890601**; AU 2784589 A 19890614; BR 8807316 A 19900301; DE 3739499 A1 19890601; EP 0343213 A1 19891129; ES 2011518 A6 19900116; JP H02502313 A 19900726; KR 890702076 A 19891222; ZA 888502 B 19900131

DOCDB simple family (application)  
**EP 8801039 W 19881115**; AU 2784589 A 19891115; BR 8807316 A 19881115; DE 3739499 A 19871121; EP 88910013 A 19881115; ES 8803548 A 19881121; JP 50921888 A 19881115; KR 890701371 A 19890720; ZA 888502 A 19881114