

Title (en)  
DEVICE FOR SORTING BILLS

Title (de)  
VORRICHTUNG ZUM SORTIEREN VON BANKNOTEN

Title (fr)  
DISPOSITIF DE TRI DE BILLETS

Publication  
**EP 1238375 B2 20151118 (DE)**

Application  
**EP 00989933 A 20001130**

Priority  
• DE 19958017 A 19991202  
• EP 0012056 W 20001130

Abstract (en)  
[origin: US6772886B2] The present invention relates to a bank note sorting apparatus. Known such apparatuses have the disadvantage of not being user-friendly since the transport path of the bank notes is not readily accessible to a user due to the elaborate mechanical design of the transport system. Bank notes that block the transport system due to faulty transport can therefore not be readily removed. In the present invention this disadvantage is avoided by the bank note sorting apparatus consisting of at least three parts, with one part disposed in the middle and at least two parts removable therefrom, thereby obtaining easy access to the transport system.

IPC 8 full level  
**G07D 3/00** (2006.01); **G07D 11/00** (2006.01); **B07C 3/00** (2006.01); **B65H 5/06** (2006.01); **G07D 7/00** (2006.01); **G07D 9/00** (2006.01)

CPC (source: EP US)  
**G07D 11/40** (2019.01 - EP US); **G07D 11/50** (2019.01 - EP US)

Citation (opposition)  
Opponent :  
• US 5394992 A 19950307 - WINKLER THEODORE [US]  
• US 4830742 A 19890516 - TAKESAKO SUMIYOSHI [JP]  
• WO 9941695 A1 19990819 - CUMMINS ALLISON CORP [US]

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 0141078 A2 20010607**; **WO 0141078 A3 20011122**; **WO 0141078 A9 20021107**; AT E259525 T1 20040215; AU 2670901 A 20010612; BR 0016072 A 20020806; CA 2394017 A1 20010607; CA 2394017 C 20051220; CN 1176445 C 20041117; CN 1451145 A 20031022; DE 19958017 A1 20010607; DE 19958017 B4 20130814; DE 50005283 D1 20040318; EP 1238375 A2 20020911; EP 1238375 B1 20040211; EP 1238375 B2 20151118; ES 2211663 T3 20040716; JP 2003515854 A 20030507; JP 4657551 B2 20110323; MX PA02005464 A 20030212; RU 2002117420 A 20040120; RU 2244956 C2 20050120; TR 200400341 T4 20040322; US 2003038062 A1 20030227; US 6772886 B2 20040810

DOCDB simple family (application)  
**EP 0012056 W 20001130**; AT 00989933 T 20001130; AU 2670901 A 20001130; BR 0016072 A 20001130; CA 2394017 A 20001130; CN 00816637 A 20001130; DE 19958017 A 19991202; DE 50005283 T 20001130; EP 00989933 A 20001130; ES 00989933 T 20001130; JP 2001542058 A 20001130; MX PA02005464 A 20001130; RU 2002117420 A 20001130; TR 200400341 T 20001130; US 14816702 A 20020816