

Title (en)  
BILL PROCESSING DEVICE AND BILL PROCESSING METHOD

Title (de)  
GELDSCHEINVERARBEITUNGSEINRICHTUNG UND GELDSCHEINVERARBEITUNGSVERFAHREN

Title (fr)  
DISPOSITIF DE TRAITEMENT DE BILLETS ET PROCÉDÉ DE TRAITEMENT DE BILLETS

Publication  
**EP 2267666 B1 20140820 (EN)**

Application  
**EP 08740488 A 20080416**

Priority  
JP 2008057409 W 20080416

Abstract (en)  
[origin: EP2267666A1] A CPU (31) of a banknote handling apparatus includes a virtual reference value setting portion (312) that sets and stores, as virtual determination criterion values which are unfit-note determination criterion values that have been virtually set, at least two unfit-note determination criterion values other than an execution determination criterion value from a predetermined number of three or more unfit-note determination criterion values. Furthermore, banknote deterioration information is detected for each of banknotes transported and accepted one by one, and is stored in a deterioration information storage portion (322). A first unfit note determination portion (313) checks the banknote deterioration information to determine whether or not the banknote is an unfit note based on the execution determination criterion value. A second unfit note determination portion (314) checks the deterioration information to determine whether or not the banknote is an unfit note based on the virtual determination criterion value that has been set by the virtual reference value setting portion (312). A unfit-note-rate calculation portion (315) determines both a unfit-note rate which is a ratio of the number of banknotes determined by the first unfit note determination portion (313) to be unfit notes to the total number of the banknotes accepted and a unfit-note rate which is a ratio of the number of banknotes determined by the second unfit note determination portion (314) to be unfit notes to the total number of the banknotes accepted.

IPC 8 full level  
**G07D 7/16** (2006.01); **G07D 7/182** (2016.01); **G07D 11/00** (2006.01)

CPC (source: EP)  
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Cited by  
EP2645340A1; EP3054428A3; RU2596590C2; US2016350994A1; US9842450B2; CN102693579A; EP2827306A4; US9430894B2; US8903544B2; US9792496B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2267666 A1 20101229**; **EP 2267666 A4 20110504**; **EP 2267666 B1 20140820**; WO 2009128145 A1 20091022

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