

Title (en)  
Automatic banknote dispenser with selective disabling of automatic return of the banknotes into the safe in the event of missing withdrawal by the user

Title (de)  
Banknotenausgabeautomat mit wahlweiser Abschaltung der Rückgabe der Banknoten in den Safe in dem Fall einer durch den Benutzer fehlenden Entnahme

Title (fr)  
Distributeur de billets de banque avec une désactivation sélective du retour des billets de banque dans le coffre-fort dans le cas de non retrait par l'utilisateur

Publication  
**EP 2874129 B1 20200415 (EN)**

Application  
**EP 14192984 A 20141113**

Priority  
IT MI20131901 A 20131115

Abstract (en)  
[origin: EP2874129A1] A solution for controlling an automatic banknote dispenser is proposed. A corresponding method (700) comprises presenting (703-715) a set of one or more banknotes to be dispensed to a user in response to a withdrawal request, said presenting the banknotes comprising transporting the banknotes from the inside of a safe towards an external dispensing opening on a user side by passing through a barrier structure being open for allowing a transit of the banknotes while the external dispensing opening is closed, closing the barrier structure for blocking an access to the safe at least partially, and opening the external dispensing opening while the barrier structure is closed thereby bringing the banknotes to a withdrawal position, returning (772-778) the banknotes being not withdrawn into the automatic dispenser in response to a missing withdrawal of the banknotes within a withdrawal period from the presentation thereof to the user, said returning the banknotes being not withdrawn into the automatic dispenser comprising closing the external dispensing opening, opening the barrier structure while the external dispensing opening is closed, and returning the banknotes being not withdrawn into the safe through the barrier structure being open while the external dispensing opening is closed, verifying (718-769) an analysis zone corresponding to the banknotes in the withdrawal position in correspondence of the withdrawal period, and disabling (771-784) at least said opening the barrier structure and said returning the banknotes being not withdrawn into the safe of said returning (772-778) the banknotes being not withdrawn into the automatic dispenser according to a variation of the analysis zone.

IPC 8 full level  
**G07D 11/00** (2019.01); **G07F 19/00** (2006.01)

CPC (source: EP)  
**G07D 11/20** (2018.12); **G07D 11/225** (2018.12); **G07F 19/202** (2013.01); **G07F 19/203** (2013.01); **G07F 19/207** (2013.01)

Citation (examination)  
• EP 2511886 A2 20121017 - NAUTILUS HYOSUNG INC [KR]  
• US 6086065 A 20000711 - SVENSSON LARS [SE]

Cited by  
IT201900003745A1; EP3664051A1; WO2016205248A1; WO2016201268A1; US10885750B2; US10078816B2; US10769878B2; US9881464B2; US10621807B2

Designated contracting state (EPC)  
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**EP 2874129 A1 20150520; EP 2874129 B1 20200415; IT MI20131901 A1 20150516**

DOCDB simple family (application)  
**EP 14192984 A 20141113; IT MI20131901 A 20131115**