

Title (en)  
AN APPARATUS FOR WITHDRAWING AND DEPOSITING VALUABLE PAPERS

Publication  
**EP 0193505 A3 19880224 (EN)**

Application  
**EP 86850010 A 19860117**

Priority  
SE 8500910 A 19850225

Abstract (en)  
[origin: EP0193505A2] A bank-note dispensing and/or deposit apparatus for vehicular customers, comprising an externally accessible opening (35), transport means for feeding bank-notes to/from the opening (35), and button-banks (32, 34) card-reader, detecting means and signalling means. The opening (35), the button-banks (32, 34) and the transport means are arranged in an extendable arm (101), which is automatically extended and retracted in dependence on the presence of a vehicle. The arm is also provided with a further detecting means (12, 30), effective to steer the arm in its outward, vertical and lateral movements. This further detecting means comprises two units, one unit (12) for detecting the presence of a vehicle and in automatic operation a unit (30) for controlling and steering movement of the arm (101). A third detecting means for controlling the return movement of the arm (101) when retracted to its starting position. The free end of the arm (101) is provided around its outer edge with a strip of resilient material and a pressure-sensitive control means. In one modification of the invention there is provided a handle by means of which the arm (101) can be extended, and a spring is tensioned when a latch is released by the further detecting means (12). A safety latch is released should the extended arm be subjected to a pressure greater than a pre-determined pressure.

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**G07F 7/10**

IPC 8 full level  
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**G07F 19/20** (2013.01); **G07F 19/201** (2013.01); **G07F 19/205** (2013.01)

Citation (search report)  
• WO 8303317 A1 19830929 - LUNDBLAD LEIF  
• EP 0004916 A1 19791031 - LINDE AG [DE]  
• US 3077243 A 19630212 - BUROS MELVIN S  
• US 2914244 A 19591124 - WHEELER JAMES E  
• US 2730053 A 19560110 - ELLITHORPE CLARENCE D  
• US 3237853 A 19660301 - GROSSWILLER JR LEO J  
• US 4190044 A 19800226 - WOOD EUGENE W [US]  
• US 4066253 A 19780103 - LUNDBALD LEIF JORGEN I, et al  
• US 4447714 A 19840508 - LUNDBLAD LEIF [SE]  
• PATENT ABSTRACTS OF JAPAN, unexamined applications, section E, vol. 2, no. 94, August 5, 1978 THE PATENT OFFICE JAPANESE GOVERNMENT, page 4517E78 \* JP - A - 53-59 500 ( FUJITSU K.K. ) \*

Cited by  
FR2803072A1; US5217088A; EP1047029A3; FR2890473A1; EP0661676A1; EP3239934A1; US2017309082A1; WO8801083A1; WO2012072708A1

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