

Title (en)  
DEVICE FOR COUNTING STACKED NOTES, IN PARTICULAR BANK NOTES

Publication  
**EP 0311567 B1 19930811 (DE)**

Application  
**EP 88810672 A 19880929**

Priority  
CH 397087 A 19871009

Abstract (en)  
[origin: EP0311567A2] The device has separating elements (1) attached at regular distances to a circulating endless V-belt (21), which elements single out the note to be counted at the counting point (34) and hold it temporarily in the counting position. The notes stacked into a packet rest upright on edge on a packet holder (35 to 38) which is displaceable transversely to the direction of movement of the separating elements (1). The separating elements (1) have a suction area (2) which sucks in an upper edge strip of the note to be counted during the straight-line passage past the counting point (34) and is constructed to be curved in such a manner that the edge strip is subjected to a torsional twist whilst lifting away from the remaining packet. Due to the restoring spring force against torsional deformation which is a characteristic of the notes, separating errors are reliably prevented in this manner. In the sucked-in counting position, the singled-out note is scanned by an optical counting device and counted and subsequently passes behind the next separating element (1) behind which it becomes engaged. <IMAGE>

IPC 1-7  
**G06M 9/00**; **G06M 9/02**

IPC 8 full level  
**B65H 3/08** (2006.01); **G06M 9/02** (2006.01)

CPC (source: EP US)  
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