

Publication

**EP 0374481 A3 19940803**

Application

**EP 89121238 A 19891116**

Priority

DE 3843602 A 19881223

Abstract (en)

[origin: JPH02214550A] PURPOSE: To monitor the destruction of bank notes by the destruction stage itself or an adequate sensor means capable of detecting the prompt result thereof. CONSTITUTION: The destruction of sheet materials, more particularly the bank notes, is monitored within an automatic classifying apparatus for continuously sending the sheet materials, sheet by sheet, to a cutting means 20 driven by a motor 15 having mesh cutter blocks 12, 13. At this time, the destruction stage and/or the prompt result thereof is detected by the sensor means, for example, an optical barrier 11, a proximity caliper 16, a current sensor 17, a microphone 18, an optical sensor 19, a band-pass filter 21 or the like. The signal of at least one sensor is sent to a microprocessor where evaluation is made relating to a plurality of parameters, such as counting, length determination, quality determination and detection of the plurality of bank notes.

IPC 1-7

**B02C 18/00**; **G07D 9/00**; **G07C 3/00**

IPC 8 full level

**B02C 23/00** (2006.01); **B02C 18/00** (2006.01); **G07C 3/00** (2006.01); **G07D 9/00** (2006.01); **G07D 11/00** (2006.01)

CPC (source: EP US)

**B02C 18/0007** (2013.01 - EP US); **G07C 3/00** (2013.01 - EP US); **G07D 11/16** (2018.12 - EP US); **G07D 11/22** (2018.12 - EP US); **G07D 11/50** (2018.12 - EP US); **B02C 2018/0038** (2013.01 - EP US)

Citation (search report)

- [DY] DE 2759678 C2 19820225
- [YA] DE 1198094 B 19650805 - FRITZ FEUERBACHER GESENKSCHMIE
- [A] US 3431805 A 19690311 - MARSHALL BURTON H
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