

Title (en)

DEVICE FOR READING THE RESULT OF A DRUM COUNTER

Publication

EP 0119545 A3 19870401 (DE)

Application

EP 84102403 A 19840306

Priority

DE 3310208 A 19830321

Abstract (en)

[origin: EP0119545A2] In the reading device in accordance with the invention, a fixed, insulating sensor disc 2 is arranged parallel to each digit drum 1. The sensor disc 2 has a number of capacitors 3 corresponding to the number of digits and arranged with the same spacing as the digits. Each capacitor consists of two metal coatings on the sensor disc 2, which are insulated from each other, one of which is connected to a pulse generator 6 and the other to a detector circuit 4. Each digit drum has an electrically conducting region 1c with a width of a maximum of one digit spacing. If this electrically conducting region 1c is positioned over a capacitor 3 of the sensor disc, the capacitor's capacitance will be significantly increased. From the amplitude of the pulses transmitted through the capacitors 3, it is therefore possible to determine the count status of the digit drum 1, without contact and without application of force. <IMAGE>

IPC 1-7

G06M 1/27; **G01D 5/24**

IPC 8 full level

G01G 23/20 (2006.01); **G06M 1/27** (2006.01)

CPC (source: EP)

G06M 1/27 (2013.01)

Citation (search report)

- [X] US 3198937 A 19650803 - MARTIN WOOSTER ANTONY
- [X] FR 1500103 A 19671103 - CROUZET SA
- [A] FR 2160558 A1 19730629 - NORTHERN ILLINOIS GAS CO

Cited by

KR101284247B1; EP0660263A1; US5565861A; AU678078B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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