

Title (en)  
DRUM-TYPE COUNTER

Publication  
**EP 0024647 B1 19830119 (DE)**

Application  
**EP 80104824 A 19800814**

Priority  
DE 2934829 A 19790829

Abstract (en)  
[origin: EP0024647A1] 1. A drum-type counter mechanism, consisting of number drums (23, 24) which are supported to rotate on an axis (22) in a counterframe and having switching pinions (26, 27), which are associated with these number drums and which are supported to rotate on another axis (25), for indexing adjacent number drums (23, 24) to the next position, and having an electric stepping motor which drives the first one (23) of the number drums and which is provided with a stator (11-15), a stator coil (16, 17) and a rotor (20) which is supported to rotate between the poleshoes (11a, 14a) of the stator (11-15) and is arranged coaxially with or parallel to the number drum axis (22) and axially offset with respect to the number drums (23, 24), characterized in that the stator has two shanks (12, 15) which are arranged in parallel with the number drum axis (22) and essentially extend over the whole length of the number drum axis and which, at one end, are joined to each other via a yoke plate (13) and which, on the other end, have pole plates (11, 14) which are in each case arranged at right angles to the shanks and which are provided with the pole shoes (11a, 14a), and that the stator coil (16) is wound onto one or both shanks (12, 15) to be distributed over the whole shank length.

IPC 1-7  
**G06M 1/10**; **G06M 1/02**

IPC 8 full level  
**G06M 1/04** (2006.01); **G06M 1/02** (2006.01); **G06M 1/10** (2006.01)

CPC (source: EP)  
**G06M 1/02** (2013.01); **G06M 1/107** (2013.01)

Cited by  
EP0338357A3; US4493988A; DE102008039376A1; WO2011079957A2; DE102009060773A1; DE102008039377A1; WO2010020412A1; US8902079B2

Designated contracting state (EPC)  
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**DE 2934829 B1 19801204**; **DE 2934829 C2 19810730**; DE 3061684 D1 19830224; EP 0024647 A1 19810311; EP 0024647 B1 19830119; JP S5657180 A 19810519; JP S589473 B2 19830221

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**DE 2934829 A 19790829**; DE 3061684 T 19800814; EP 80104824 A 19800814; JP 11605080 A 19800825