

Title (en)
IMPULSE GENERATOR

Publication
EP 0127043 B1 19901122 (DE)

Application
EP 84105415 A 19840512

Priority
DE 3319404 A 19830528

Abstract (en)
[origin: ES8507742A1] An impulse generator includes two pairs of contacts and one indexing disk whose indexing notches are capable of moving a central resilient indexing element. The indexing element moves either toward the one or the other pair of contacts depending on the rotation of the indexing disk. Each pair of contacts is a separate contact spring assembly (15, 16 17, 18). The indexing disk is positioned above the contact springs (15, 16 17, 18). The indexing element is a spiral spring (10) clamped either at one or at both ends, and disposed in such a way that the centerline (14) thereof extends in relation to the indexing notches (12' and 12) so that the latter deflects the spiral spring (10) laterally toward the contact springs (15, 16 17, 18). The spiral spring (10) is laterally deflected to actuate the respective inner contact spring (16, 17) of a contact spring assembly (15, 16 17, 18). This results in reduced abrasive by wear of the indexing disk, and insures that a good electrical contact is reliably made.

IPC 1-7
H01H 19/00

IPC 8 full level
H03K 3/02 (2006.01); **H01H 1/26** (2006.01); **H01H 19/00** (2006.01); **H01H 19/56** (2006.01)

CPC (source: EP US)
H01H 19/005 (2013.01 - EP US); **H01H 19/56** (2013.01 - EP US); **H01H 2019/006** (2013.01 - EP US)

Cited by
EP0229306A3

Designated contracting state (EPC)
AT DE FR GB IT

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EP 0127043 A2 19841205; EP 0127043 A3 19870826; EP 0127043 B1 19901122; AT E58612 T1 19901215; CA 1244071 A 19881101; DE 3319404 A1 19841129; DE 3319404 C2 19860123; DE 3483627 D1 19910103; ES 532770 A0 19850601; ES 8507742 A1 19850601; JP H0354896 B2 19910821; JP S6018014 A 19850130; US 4594483 A 19860610

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