

Title (en)
PULSE GENERATOR

Publication
EP 0132671 B1 19891108 (DE)

Application
EP 84107980 A 19840707

Priority
DE 3326307 A 19830721

Abstract (en)
[origin: EP0132671A2] 1. Pulse generator with two contact units (13, 14) arranged parallel with each other which are actuatable by a cam plate (1), for generating two pulse diagrams for determining an angular position and/or an angular velocity and the direction of rotation of a drive connected with the cam plate or for driving a forward/backward counter, with the pulse diagrams being staggered in relation to each other and overlapping through opening and closing angles of said two contact units staggered depending on the angle of rotation of said cam plate, characterized by the combination of the following features : - the contact units (13, 14) with contact springs (3, 4; 5, 6) running in a straight line are arranged in different planes ; - to each contact unit there is assigned a cam plate (15 or 16, respectively) lying in its plane ; - the two cam plates (15, 16) are formed in the same shape as regular polygons (2) and arranged parallel on a common axis (12) ; - the two cam plates (15, 16) form a structural unit ; - the two cam plates (15, 16) are staggered in relation to each other by an angle (alpha or alpha ') which is smaller (alpha) or greater (alpha ') than half the central angle (Z) between two neighbouring cam plates (151-152; ...; 161-162; ...).

IPC 1-7
H01H 19/62

IPC 8 full level
H01H 19/00 (2006.01); **H01H 19/62** (2006.01); **H03K 3/02** (2006.01)

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

Citation (examination)
DE 2658105 A1 19780629 - DIEHL FA

Cited by
EP1276123A4; US10364908B2

Designated contracting state (EPC)
AT DE FR GB IT

DOCDB simple family (publication)
EP 0132671 A2 19850213; EP 0132671 A3 19850724; EP 0132671 B1 19891108; AT E47933 T1 19891115; CA 1246130 A 19881206; DE 3326307 A1 19850131; DE 3480447 D1 19891214; ES 534477 A0 19851016; ES 8601595 A1 19851016; JP H0312413 B2 19910220; JP S6049516 A 19850318

DOCDB simple family (application)
EP 84107980 A 19840707; AT 84107980 T 19840707; CA 459215 A 19840719; DE 3326307 A 19830721; DE 3480447 T 19840707; ES 534477 A 19840720; JP 14973884 A 19840720