Title (en)

MECHANICAL REMOTE CONTROL FOR ELECTRIC MOTORS WITH EXPLOSION PROTECTION

Publication

EP 0091360 B1 19850515 (FR)

Application

EP 83400650 A 19830329

Priority

FR 8205637 A 19820401

Abstract (en)

[origin: EP0091360A1] 1. Mechanical remote control for anti-deflagrating motors of the type in which a motor (2) comprises a resilient returning on-off control crankshaft (1) connected by a movement transmission means (31) to a mobile means (21) to which can be manually imparted a reciprocating motion by acting on an handling button (22), characterized in that said mobile means has the shape of a slide (21) having a groove (30) and a thinned portion (21a) with a shoulder (29), said slide (21) being placed between a first (10) and a second (11) pivoting plates mounted on two rods which are parallel to each other and perpendicular to the sliding direction of the slide (21), said pivoting plates (10, 11), normally urged for tending to make them to pivot the one towards the other, able to be activated by an olive (23) mounted so that it can move in a longitudinal direction which is parallel to the direction of movement of the slide (21) and also placed between said two pivoting plates (10, 11), the first pivoting plate (10) being further able to be submitted through a bearing (17) to action of a cam (18) driven by a timer (3) ; the position of said olive (23) with respect to said pivoting plates (10, 11) permitting or not the activation of the slide (21) by means of an handling button (22) and as a consequence the on or off setting of the motor (2).

IPC 1-7

G05G 7/02; G05G 5/06

IPC 8 full level

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