

Title (en)
IGNITION DEVICE WITH MAGNETIC GENERATOR FOR INTERNAL COMBUSTION ENGINE

Publication
EP 0230405 B1 19890208 (DE)

Application
EP 85903812 A 19850731

Priority
DE 3443739 A 19841130

Abstract (en)
[origin: WO8603259A1] The ignition device with magnetic generator (4) internal combustion engines comprises a step adjustment for advancing the ignition when a high number of revolutions is reached. The ignition switch comprises for the low revolution range a first switching branch with a first control element (20) which triggers the ignition by blocking at the time of ignition the switching element (16) in relation to the primary voltage. To modify by step the ignition advance so that the ignition occurs earlier for the high revolution range, there is provided a second switching branch with a second control element (24) which blocks the switching element (16) in relation to the primary voltage at the time of ignition. The second branch includes in series with the switching element (16) a current measuring resistance (18) which is connected in parallel to a voltage divider (26, 27) of which a branch is a resistance (26) of which the value depends upon the number of revolutions and of which the active end (25) is connected to the control input of the second control element (24). The ignition unit is particularly intended to be used in small engines without additional control.

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