

Title (en)
DEVICE FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE

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Application
EP 87904848 A 19870808

Priority
DE 3630272 A 19860905

Abstract (en)
[origin: WO8801691A1] The device for controlling an internal combustion engine of a vehicle comprises a sensor system with a rotary emitter disk (10) mounted on a motor shaft facing a fixed detector element (20). The periphery of the disk (10) is provided with a number of segments (11, 12) proportional to that of the engine cylinders. At least one of the segments (11, 12) comprises a row of perforations which become wider as the angle of rotation of the shaft increases. The signals generated in the detector element (20) by the perforations (15) or the segments (11, 12) are transmitted to a control circuit (21) for the ignition, injection etc. of the vehicle. This ensures precise allocation of the ignition pulses for a high-voltage distribution without a distributor, using a single emitting unit.

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