

Title (en)
IGNITION DISTRIBUTORS FOR INTERNAL COMBUSTION ENGINES.

Title (de)
ZÜNDVERTEILER FÜR BRENNKRAFTMASCHINEN MIT INNERER VERBRENNUNG.

Title (fr)
DISTRIBUTEUR D'ALLUMAGE POUR MOTEURS A COMBUSTION INTERNE.

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Application
EP 79900046 A 19790813

Priority
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Abstract (en)
[origin: WO7900495A1] A breakerless distributor for an internal combustion engine comprises a base (10), a shaft (16, 30) adapted to be driven by an engine and extending within the base (10), a rotary member (28) rotatable by the shaft (30), an electronic means (26) cooperating with the rotary member (28) to produce timing pulses. According to one feature, the electronic means is in the form of a transmitter and sensor unit (24) removably secured in an aperture (62) in the base, the aperture being so positioned and dimensioned that the unit (24) can be removed from the base without removal of the shaft or rotary member from the base. According to a further feature, centrifugal means (40) in the form of a pair of weights is interposed between the shaft (30) and the rotary member (28) to advance the rotary member relative to the shaft as the shaft speed increases. Each weight (40) is eccentrically mounted on a respective pivot (42) on top of the rotary member (28), and a rotor assembly (18) having a central input terminal and spaced peripheral output terminals is secured to rotate with the rotary member (28) by means of a pair of screws (74) each received in a screwthreaded bore of a respective pivot (42).

Abstract (fr)
Un distributeur sans vis platinees pour moteurs a combustion interne comprend un support (10), un arbre (16, 30), entraine par le moteur et dispose a l'interieur du support (10), un organe tournant (28) solidaire de l'arbre (30) et des moyens electroniques (26) qui, en cooperation avec l'organe tournant (28), produisent des impulsions cadencees. Ces moyens electroniques comprennent un organe sensible (24) qui est amoviblement fixe dans une ouverture (62) du support (10), l'ouverture (62) ayant une position et des dimensions telles que l'organe (24) puisse etre enleve sans demontage de l'arbre ou de l'organe tournant. Des moyens centrifuges (40) sous forme de deux poids sont places entre l'arbre (30) et l'organe tournant (28), qui permettent d'avancer les moyens centrifuges par rapport a l'arbre, lorsque la vitesse de l'arbre augmente. Chaque poids (40) est monte excentriquement sur un axe (42) au-dessus de l'organe tournant (28) et un rotor (18) muni d'une borne d'entree centrale et de bornes de sortie peripheriques est rendu solidaire en rotation de l'organe tournant (28) au moyen de deux vis (74) qui sont vissees chacune dans l'un des axes (42).

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