

Title (en)
Ignition distributor for internal combustion engine.

Title (de)
Zündverteiler für Brennkraftmaschine.

Title (fr)
Distributeur d'allumage pour moteur à combustion interne.

Publication
EP 0083879 A2 19830720 (FR)

Application
EP 82402190 A 19821201

Priority
FR 8123484 A 19811216

Abstract (en)
1. Ignition distributor for an internal-combustion engine, of the type comprising a housing (1) fastened directly to the crankcase, a sealing membrane (9) covering the housing (1), a distribution rotor (10), the base (11) of which passes through the membrane (9) and the bottom of the housing (1) to be fitted on the end of a crank shaft or cam shaft, a distribution head (15) closing the housing (1), at the same time gripping the membrane (9), characterized in that the sealing membrane (9) consists of a diaphragm which is gripped between the housing (1) and the head (15) previously joined together and which is composed of a plurality of elastically deformable lamellae (20) which, extending from a circular collar (22), converge towards the axis XX' of the distributor and move aside during the passage of the rotor (10) previously fitted on the end of a cam shaft or crank shaft, subsequently reforming round the base (11) of the said rotor (10).

Abstract (fr)
Ce distributeur comporte un boîtier 1, une membrane d'étanchéité 9 coiffant le boîtier 1, un rotor de distribution 10 monté directement en bout d'arbre à came, un tête de distribution 15. Le préassemblage de l'ensemble boîtier 1 - membrane 9 - tête 15 est rendu possible par une membrane (9) avantageusement constituée par un diaphragme composé d'une pluralité de lamelles 20 élastiquement déformables s'escamotant au passage du rotor préalablement monté en bout de vilebrequin ou d'arbre à came pour se reformer ensuite autour de l'embase 11 dudit rotor 10.

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