

Title (en)  
MISSILE WITH A PROPULSIVE CHARGE

Publication  
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Application  
**EP 89103536 A 19890301**

Priority  
DE 3819640 A 19880609

Abstract (en)  
[origin: EP0345420A1] The invention relates to a missile with a propulsive charge and base nozzle, in which, after firing from a large-calibre barrel weapon, hot propellant gases escape during the flight of the missile, a seal being provided in the base nozzle to ensure sealing against environmental influences during the storage of the missile. For sealing against dust and moisture, there are known plugged-in, pressed-in or screwed-in metal or plastic stoppers, these usually having the disadvantage that they have to be removed by hand before the missile is loaded. <??>The invention affords a sealing of the nozzle orifice 20 which offers reliable protection against environmental influences and which, when the missile is fired from the weapon, bursts open by means of the missile-accelerating propellant gases. This is achieved, according to the invention, by means of a sealing disc 26 which consists of rubber (or plastic) and which is vulcanised firmly into the orifice 20 of the base nozzle. <IMAGE>

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IPC 8 full level  
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Citation (examination)  
DUBBEL Taschenbuch für den Maschinenbau, Band 1, 1974, Seiten 613, 710, 818

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