

Title (en)
Ignition impuls distributor

Title (de)
Zündimpulsverteiler

Title (fr)
Distributeur d'impulsions d'amorçage

Publication
EP 1903298 B1 20100728 (DE)

Application
EP 07116229 A 20070912

Priority
DE 102006043877 A 20060919

Abstract (en)

[origin: EP1903298A2] The device for distributing a non electric ignition pulse of a strand-like ignition means (6) on two other strand-like ignition means (8), comprises a flask-like closed housing (2, 3) with a normal interior, an inlet (5) for the reception of the ignition means (6), and two outlets (7) for the admission of two other ignition means (8). The inner surfaces of the housing are coated with octogen and an initial ignition agent is arranged in the outlet. The coating is introduced in a quantity of 4-7 g/m² on the interior surface of the housing. The initial ignition agent is pressed into the inlet. The device for distributing a non electric ignition pulse of a strand-like ignition means (6) on two other strand-like ignition means (8), comprises a flask-like closed housing (2, 3) with a normal interior, an inlet (5) for the reception of the ignition means (6), and two outlets (7) for the admission of two other ignition means (8). The inner surfaces of the housing are coated with octogen and an initial ignition agent is arranged in the outlet. The coating is introduced in a quantity of 4-7 g/m² on the interior surface of the housing. The initial ignition agent is pressed into the inlet. The initial ignition agent of 10-20 mg is used per outlet. The outlets are closed individually and are formed for tubular nozzle protruding into the housings. The tubular nozzle has an external thread, on which a cover is screwed for locking the respective outlets. The housing is detachable for recoating the inner surface and is divided along a longitudinal section into two housing halves, which are pressed together by a clamping device (4). The device is arranged in modular manner and has an input module, a final module and central modules arranged between the input module and the final module.

IPC 8 full level
F42D 1/04 (2006.01)

CPC (source: EP)
F42D 1/043 (2013.01)

Cited by
GB2566621A; GB2566621B; WO2018007644A1

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