

Title (en)

Apparatus for the generation and delivery of directed media flows

Title (de)

Vorrichtung zur Erzeugung und Ausbringung von gerichteten Medienströmen

Title (fr)

Dispositif de génération et distribution des courants de milieu dirigés

Publication

EP 0839556 A2 19980506 (DE)

Application

EP 97118785 A 19971029

Priority

DE 19643946 A 19961031

Abstract (en)

The device comprises a rocket motor independent of the ambient atmosphere and incorporating a combustion chamber (2), an injection head (5) and a nozzle (4). At least one device (10-13) is provided for active, pressure system, and-or passive, self aspirating system, mixture of media upstream and-or downstream of the nozzle (4). The rocket motor is driven by liquid and-or gas-form fuel. The combustion chamber with the injection head mixes and burns hydrogen and oxygen to form an output gas at least principally comprising steam. Downstream of the combustion chamber connects a mixture chamber (3) for the mixture of water and-or other medium to the output gas.

Abstract (de)

Vorrichtung zur Erzeugung und Ausbringung von gerichteten Medienströmen mit Hilfe eines energiereichen Strahles in schwer zugängliche und/oder gefährdete Bereiche. Die Vorrichtung umfaßt einen von der Umgebungsatmosphäre unabhängigen Raketenmotor mit einer Düse und mit mindestens einer Einrichtung zum aktiven und/oder passiven Zumischen von Medien stromaufwärts und/oder in und/oder stromabwärts der Düse.
<IMAGE>

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