

ABSTRACT

LOW PRESSURE LOW POWER DEVICE TO CLEAN CARPETED INTERIORS OF AIRPLANES.

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A foam type carpet cleaner to clean carpeted interiors of air planes, comprising low power motor to drive a carpet cleaning brush; low pressure air pump (100) for producing an air flow, air duct means for conveying the air flow to a spray foaming mechanism (140), dosing means (250) to supply foam chemical (160) to the spray
10 foaming mechanism (140). The mixture of air/foam chemical into the spray foaming mechanism (140) is controlled to produces bubbles of foam chemical (160) which is then sprayed as a layer of bubbles of foam chemical (160) onto the carpeted interior. The layer of bubbles of foam chemical (160) lifts up the dirt in the carpet, and the dirt and the bubbles of foam chemical (160) are then sucked up from the carpet.

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Fig. 3

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