

Title (en)
INHALER COMPRISING CAPSULE

Title (de)
INHALATOR MIT KAPSEL

Title (fr)
INHALATEUR COMPRENANT UNE CAPSULE

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Application
EP 11787953 A 20111006

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• TR 2011000225 W 20111006

Abstract (en)
[origin: WO2012047181A1] The present invention relates to an inhaler which is suitable for administration of drugs in dry powder form from capsules. The inhaler comprises: a mouthpiece cover (1) hiding the mouthpiece; a bottom casing (2) where the device mechanism is situated; a movable mouthpiece (3') communicating with the bottom casing; a middle casing (3) situated between the bottom casing and the mouthpiece; a capsule chamber (13) where the capsule is placed and an air intake duct (5) which is inserted into the mouthpiece. The inhaler is characterized in that the diameter of the air intake duct (5) through which the air flow entraining the dry powder medicament from the capsule to the mouthpiece passes is in the range of 3-7 mm. This results in an increase of the flow resistance of the inhaler. Consequently, the flow rate required to be applied by the patient in order to provide the standard pressure decrease of 4 kPa decreases. The inhaler enables therefore effective inhalation of dry powder medicament even at low flow rates during inhalation.

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