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(54) Title: DRY POWDER INHALER

(57) Abstract

A drug powder inhaler has a cover plate (50) pivotally attached to a lid (38) on an inhaler housing (32). A lever is pivotally attached to the cover plate. A blister pack disk (42) is rotatably mounted on the housing under the cover plate. A powder duct (122) in the housing extends from a staging chamber (124) underneath one end of the lever to an aerosolizing chamber (120). An actuator (146) in the housing is pressed to shear open a blister (44) on the blister pack disk, and thereby deliver the drug dose contents of the blister into the staging chamber. A switch (170) senses pressure in the mouthpiece, and switches on a motor (160) spinning an impeller (162) within the aerosolizing chamber when inhalation is detected.

