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(54) Title: DRY POWDER INHALER

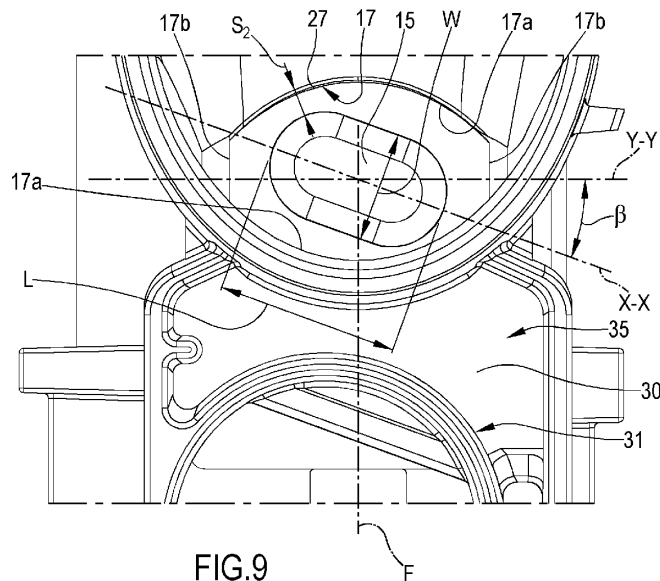


FIG.9

(57) Abstract: A dry powder inhaler comprises an inhalation channel (8) connected to a mouthpiece (4), a container (7) for storing a powdered medicament, a de-agglomerator (25) with a vortex chamber (26) located at an end of the inhalation channel (8), a metering device (14) comprising a shuttle (16) having a dosing recess (15). The shuttle (16) is movable between a filling position, in which the dosing recess (15) is in alignment with an opening (17) of the container (7), and an inhalation position, in which the dosing recess (15) is in alignment with the vortex chamber (26). The opening (17) of the container (7) is elongated along a major axis (Y-Y) and the dosing recess (15) is elongated along a main axis (X-X) and, when the shuttle (16) is in the filling position, an edge (27) of the opening (17) of the container (7) encloses the dosing recess (15).

[Continued on next page]

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