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(54) Title of the Invention: Air vent device comprising a deflector element movable on a guiding rail  
Abstract Title: Air vent device comprising a deflector element movable on a guiding rail

(57) An air vent device (1) comprises an air duct (2) extending along a main axis (A) and an air outlet device comprising: a housing (16) extending along the main axis (A) and defining an outlet, at least one deflector element (20), extending in the housing (16) and movable relative to said housing (16), arranged to control the direction of the air flow passing through the outlet, an actuator fixedly attached to the deflector element (20) and arranged to move the deflector element (20) relative to the outlet, said actuator is mounted on a guiding rail (36) in a slidable manner, said guiding rail (36) extending in the housing (16) according to a first direction (F) and being attached to the housing (16) so as to be movable in rotation around a rotation axis extending in the first direction (F) relative to the housing (16), the housing (16) being movable in rotation relative to the air duct around the main axis (A), a rotation of the actuator around the main axis (A) causing the rotation of the housing around said main axis (A).

