

ABSTRACT

5 **Side casing for a gate for controlling access to a restricted area, associated gate for controlling access to a restricted area, and associated control method**

10 Casing (20, 22) for a gate (14) for controlling access to an area, comprising:
 - a movable obstacle (28),
 - a motor assembly (22) driving said obstacle,
 - a shaft (62) coupled to said obstacle and driven in rotation by said motor assembly
 so as to hold the obstacle (28) in an obstructing position or move the obstacle so as to allow
15 access, according to a current instruction,
 - a control unit (68) to make the motor obey the current instruction,
 - a sensor (15) measuring the angular position of the shaft,
 the control unit (68) is designed, when the obstacle is held in an obstructing position,
 so as to calculate temporal variations in angle on the basis of said measurements of the
20 sensor and, on the basis of said variations, to trigger an increase, a reduction or a limitation
 of an instruction for the applied torque to hold the obstacle in the obstructing position or an
 instruction to allow access.

25 Figure for the abstract: Figure 1