

A Barrier Adapted For An Access Gate

ABSTRACT

The present invention provides a barrier adapted for an access gate, permitting
5 or restricting a user to enter an area or space. The barrier comprising a metal base
frame; a motor assembly mounted on the metal base frame, wherein the motor
assembly includes an electric motor and a gear assembly, the motor assembly having an
integrated control unit for controlling the electric motor; a barrier flap with a wing-like
shape flap pivotally mounted on the metal base frame at a lower end, wherein the
10 barrier flap is operationally actuated by the motor assembly to pivot about the lower
end along a horizontal axis between the opened and closed positions, the barrier flap is
connected to the motor assembly through a primary bar and a secondary bar in a multi-
bar linkage; and a guiding support extended from the metal base frame upwardly
towards an upper end of the barrier flap and engaging it thereto, the guiding support
15 having a guide rail for supporting and guiding the upper end of the barrier flap along
the horizontal axis, wherein the primary bar is directly driven by the motor assembly at
one end and the secondary bar is connected between the primary bar and the barrier
flap.

20 (FIG. 1)