

Abstract

Title: **SYSTEM FOR GUIDING AND SUPPORTING A LEAF OF A PLATFORM-ACCESS DOOR**

5 IN THE NAME OF: **FAIVELEY TRANSPORT TOURS**

The guiding and support system (8) for a leaf (2) of a platform screen door (1) that can be moved in relation to a fixed panel (3) by a horizontal translational movement in
10 a plane of the leaf between open and closed positions, comprising:

- a rail (11) extending in a direction of the horizontal translational movement
- a first set of rollers (211, 212, 221)
15 cooperating with the rail, to guide it and support it, comprising an axis of rotation at right angles to the plane of the leaf, and consisting:
 - of a main roller (221) in contact with a bottom bearing surface (1181) of the rail
 - 20 - of first (211) and second (212) secondary rollers, offset relative to one another in at least one vertical direction and in contact respectively with the bottom bearing surface (1181) and a top bearing surface (1182) of the rail, positioned at a distance from the main
25 roller in the direction of a transition from the closed position to the open position.

(Figures 5 & 6)