

System for suctioning braking particles with negative pressure maintained**ABSTRACT**

System for suctioning braking particles from a friction braking system, the suction system
5 comprising a negative-pressure source (1), a suction mouth (83), a pneumatic circuit
(3,3',30) connecting the suction mouth and the negative-pressure source, and a control
unit (6), the suction system further comprising closure means arranged on the pneumatic
circuit, the closure means being able to isolate at least a first portion of the pneumatic
circuit (3), the control unit (6) being configured to control the closure means according
10 to a predetermined logic in order to isolate the first portion of the pneumatic circuit during
certain phases between two actual uses of the negative-pressure source.

Fig. 2