

BRAKE PARTICLE TRAPPING SYSTEM

Abstract

A brake particle trapping system (20) for trapping particles emitted by a disc brake (2), the trapping system (20) comprising: particle suction means (22, 24, 26), capable of adopting a first state in which
5 the suction means (22, 24, 26) produce a first level of suction, and a second state in which the suction means produce a second level of suction that is higher than the first level of suction; and a control unit (30) that regulates the state of the suction means (22, 24, 26), the control unit (30) being configured to switch the suction means (22, 24, 26) from the first state to the second state when a
10 signal for the rotational speed of the disc (4) of the brake (2), received by the control unit (30), indicates that the disc (4), which is in an acceleration phase, has exceeded a threshold rotational speed.

Figure for abstract: Figure 1