

Title: Filter identification in a system for capturing braking particles

Abstract

The invention relates to a system (1) for capturing braking particles from a friction brake system (10), which comprises a vacuum source (20), a pneumatic circuit (30) that connects the friction brake system (10) to the vacuum source (20), and a filter (40) located on the pneumatic circuit (30) and mounted on a support (41). The capturing system (1) comprises a control unit (60) and an identification device (50) for identifying the current filter (40), which is capable of sending at least one signal to the control unit (60), the signal comprising at least one current characteristic (40-A) of the current filter (40), the control unit (60) being capable of comparing the at least one current characteristic (40-A) with at least one reference characteristic (49-R) of a reference filter (49) and informing a user when the at least one current characteristic (40-A) and the at least one reference characteristic (49-R) are dissimilar.

Figure 1