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**Petty**

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(54) **COLORIMETRIC TEST FOR BRAKE FLUID**

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See application file for complete search history.

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(57) **ABSTRACT**

A method for determining a type of brake fluid that includes contacting a colorimetric reagent on a substrate. An embodiment of the method reacts to the presence of a borate ester in brake fluid to produce a color contacted by DOT 4/5.1 brake fluid or a second color in the presence of pure DOT 3 fluid. In the event of mixtures of DOT 3 with DOT 4/5.1, a third color results when contacted by a mixture of DOT 3 and DOT 4/5.1 brake fluid in which the DOT 4/5.1 fluid is about 50% or less of the mixture.

**11 Claims, 3 Drawing Sheets**

