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Unno et al.

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(54) **FRICITION MATERIAL COMPOSITION,
FRICITION MATERIAL USING THE SAME,
AND FRICTION MEMBER**

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See application file for complete search history.

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(57) **ABSTRACT**

Provided is a friction material composition comprising: a
binder; a fibrous base material; an abrasive material; an inor-
ganic filler; and an organic filler,
wherein the friction material composition further comprises:
at least one selected from the group consisting of zinc, a
cellulose fiber as the fibrous base materials and a flame
retardant fiber as the fibrous base materials;
an iron-based fiber as the fibrous base material in an specified
amount; and
an inorganic abrasive material having a Mohs hardness of 8 or
higher and a particle size of 1 μm or larger as the abrasive
material in an amount of 1 wt % or less. The present
invention can provide a friction material composition
which is less destructive to facing materials compared to
conventional products, which has a high friction coefficient
upon braking when used in repeated braking during high-
speed traveling, and which is capable of suppressing pad
wear and uneven pad wear, in the case that the friction
material composition is formed into a brake pad for pas-
senger cars. The present invention can also provide a fric-
tion material and a friction member using this friction
material composition.

16 Claims, No Drawings