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New Claims

1. An oral care composition comprising a magnesium ion-containing
10 material in an amount from 0.1 to 40 wt.-%, based on the total weight of the composition, wherein the magnesium ion-containing material is in form of particles having a volume median grain diameter (d_{50}) from 150 nm to 20 μm and is selected from the group consisting of anhydrous magnesium carbonate or magnesite (MgCO_3), hydromagnesite ($\text{Mg}_5(\text{CO}_3)_4(\text{OH})_2 \cdot 4\text{H}_2\text{O}$), artinite ($\text{Mg}_2(\text{CO}_3)(\text{OH})_2 \cdot 3\text{H}_2\text{O}$), dypingite
15 ($\text{Mg}_5(\text{CO}_3)_4(\text{OH})_2 \cdot 5\text{H}_2\text{O}$), giorgiosite ($\text{Mg}_5(\text{CO}_3)_4(\text{OH})_2 \cdot 5\text{H}_2\text{O}$), pokrovskite ($\text{Mg}_2(\text{CO}_3)(\text{OH})_2 \cdot 0.5\text{H}_2\text{O}$), barringtonite ($\text{MgCO}_3 \cdot 2\text{H}_2\text{O}$), lansfordite ($\text{MgCO}_3 \cdot 5\text{H}_2\text{O}$), nesquehonite ($\text{MgCO}_3 \cdot 3\text{H}_2\text{O}$), brucite ($\text{Mg}(\text{OH})_2$), dolomite ($\text{CaMg}(\text{CO}_3)_2$), dolocarbonate and mixtures thereof.
2. The oral care composition according to claim 1, wherein the magnesium
20 ion-containing material is selected from anhydrous magnesium carbonate or magnesite (MgCO_3), dolomite ($\text{CaMg}(\text{CO}_3)_2$), hydromagnesite ($\text{Mg}_5(\text{CO}_3)_4(\text{OH})_2 \cdot 4\text{H}_2\text{O}$), brucite ($\text{Mg}(\text{OH})_2$) and mixtures thereof.
3. The oral care composition according to claim 1 or 2, wherein the magnesium ion-containing material is in form of particles having
25 a) a volume median grain diameter (d_{50}) from 0.2 to 15 μm , even more preferably from 0.5 to 10 μm , and most preferably from 1 to 5 μm , as determined by laser diffraction, and/or
b) a volume determined top cut particle size (d_{98}) of equal to or less than 30 μm , preferably from 2 to 30 μm , more preferably from 5 to 20, and most
30 preferably from 8 to 18 μm , as determined by laser diffraction.
4. The oral care composition according to any one of the preceding claims, wherein the magnesium ion-containing material has a whiteness determined as CIELAB L^* of $> 90 \%$, preferably $> 95 \%$, more preferably $> 98 \%$ and most preferably $> 98.5 \%$ and measured dry according to EN ISO 11664-4:2010.
- 35 5. The oral care composition according to any one of the preceding claims, wherein the magnesium ion-containing material is in form of particles having a BET specific surface area in the range from 2 to 200 m^2/g , preferably from 10 to 100 m^2/g , and most preferably from 12 to 75 m^2/g , measured using nitrogen and the BET method according to ISO 9277:2010.

6. The oral care composition according to any one of the preceding claims, wherein the oral care composition further comprises a fluoride compound, preferably the fluoride compound is selected from the group consisting of sodium fluoride, stannous fluoride, sodium monofluorophosphate, potassium fluoride, potassium stannous fluoride, sodium fluorostannate, stannous chlorofluoride, amine fluoride, and mixtures thereof, and more preferably the fluoride compound is sodium monofluorophosphate and/or sodium fluoride.

7. The oral care composition according to any one of the preceding claims, wherein the oral care composition further comprises a remineralisation and/or whitening agent, preferably selected from the group consisting of silica, hydroxylapatite, e.g. nano-hydroxylapatite, calcium carbonate, e.g. amorphous calcium carbonate, ground calcium carbonate, precipitated calcium carbonate, surface-reacted calcium carbonate and combinations thereof, calcium silicate and mixtures thereof.

8. The oral care composition according to any one of the preceding claims, wherein the oral care composition is a toothpaste, a toothgel, a toothpowder, a varnish, an adhesive gel, a cement, a resin, a spray, a foam, a balm, a composition carried out on a mouthstrip or a buccal adhesive patch, a chewable tablet, a chewable pastille, a chewable gum, a lozenge, a beverage, or a mouthwash, preferably a chewable gum, a lozenge, a toothpaste, a toothpowder, or a mouthwash, and most preferably a toothpaste.

9. The oral care composition according to any one of the preceding claims, wherein the oral care composition has a pH between 6.8 and 10, preferably between 7.5 and 9 and most preferably between 8 and 9.

10. The oral care composition according to any one of the preceding claims, wherein the oral care composition comprises the magnesium ion-containing material in an amount from 0.5 to 10 wt.-%, based on the total weight of the composition.

11. Use of a magnesium ion-containing material as opacifying agent and/or whitening pigment in oral care compositions, wherein the magnesium ion-containing material is in form of particles having a volume median grain diameter (d_{50}) from 150 nm to 20 μ m and is selected from the group consisting of anhydrous magnesium carbonate or magnesite (MgCO_3), hydromagnesite ($\text{Mg}_5(\text{CO}_3)_4(\text{OH})_2 \cdot 4\text{H}_2\text{O}$), artinite ($\text{Mg}_2(\text{CO}_3)(\text{OH})_2 \cdot 3\text{H}_2\text{O}$), dypingite ($\text{Mg}_5(\text{CO}_3)_4(\text{OH})_2 \cdot 5\text{H}_2\text{O}$), giorgiosite ($\text{Mg}_5(\text{CO}_3)_4(\text{OH})_2 \cdot 5\text{H}_2\text{O}$), pokrovskite ($\text{Mg}_2(\text{CO}_3)(\text{OH})_2 \cdot 0.5\text{H}_2\text{O}$), barringtonite (MgCO_3

· 2H₂O), lansfordite (MgCO₃ · 5H₂O), nesquehonite (MgCO₃ · 3H₂O), brucite (Mg(OH)₂), dolomite (CaMg(CO₃)₂), dolocarbonate and mixtures thereof.

12. The use according to claim 11, wherein the magnesium ion-containing material is selected from anhydrous magnesium carbonate or magnesite (MgCO₃),
5 dolomite (CaMg(CO₃)₂), hydromagnesite (Mg₅(CO₃)₄(OH)₂ · 4H₂O), brucite (Mg(OH)₂) and mixtures thereof.

13. The use according to claim 11 or 12, wherein the magnesium ion-containing material is in form of particles having

- 10 a) a volume median grain diameter (d_{50}) from 0.2 to 15 μm , even more preferably from 0.5 to 10 μm , and most preferably from 1 to 5 μm , as determined by laser diffraction, and/or
- b) a volume determined top cut particle size (d_{98}) of equal to or less than 30 μm , preferably from 2 to 30 μm , more preferably from 5 to 20, and most preferably from 8 to 18 μm , as determined by laser diffraction, and/or
- 15 c) a BET specific surface area in the range from 2 to 200 m^2/g , preferably from 10 to 100 m^2/g , and most preferably from 12 to 75 m^2/g , measured using nitrogen and the BET method according to ISO 9277:2010.