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- (71) Applicant: NOVO NORDISK A/S [DK/DK]; Novo Allé, 2880 Bagsværd (DK).
- (72) Inventors: ENGELUND, Dorthe, Kot; Novo Allé, 2880 Bagsværd (DK). SNITKER, Søren; Novo Allé, 2880 Bagsværd (DK). LOUW, Andrew, Mark; Novo Allé, 2880 Bagsværd (DK).
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(57) **Abstract:** The present invention relates to pharmaceutical compositions of the GLP-1 peptide semaglutide comprising no more than 0.1 %(w/w) phenol and above 6.4 mg/ml sodium chloride, their preparation, kits comprising such compositions as well as uses thereof.