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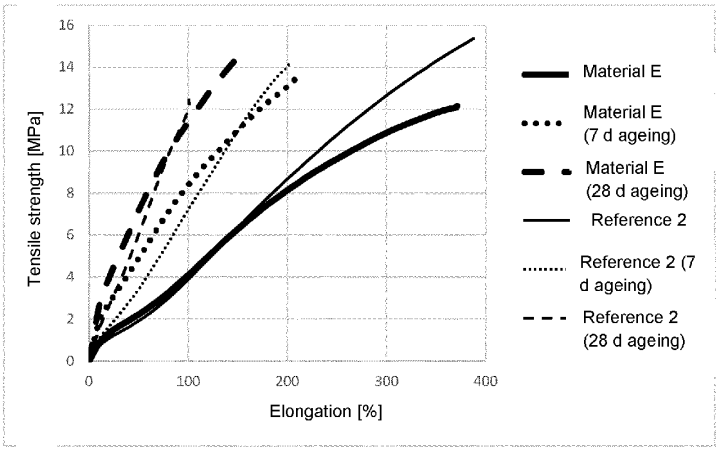
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(54) Title: LIGNIN CONSTITUENTS CONTAINING COMPOSITION AND ITS APPLICATIONS

Fig. 1



(57) Abstract: The present invention relates to a composition comprising at least two lignin constituents A) and B), wherein at least a part of the oxygen atoms originating from OH-groups present in the chemical structure of at least one of A) and B) is covalently bonded to at least one kind of organic residues selected from organic residues comprising 1 to 22 carbon atoms, wherein the M_w of all lignin constituents is > 200 g/mol, their polydispersity index is >1.20, the sum of aromatic and aliphatic hydroxyl groups of all lignins is 0 or ≤ 2.00 mmol/g, the sum of aliphatic hydroxyl groups of all lignins is 0 or < 0.25 mmol/g, the methoxyl group content of all lignins is in a range of 1.0 wt.-% to 20.0 wt.-%, based on the total weight of all lignin constituents being present, and the number of unsubstituted aromatic C-H bonds per aromatic ring of each chemical structure of each

WO 2025/176794 A1

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lignin constituent is on average ≥ 2 and ≤ 4, to a process for preparing the composition, to a mixture of said composition and at least one hydrocarbon, a use of said composition in polymer-containing formulations, coating formulations, pharmaceutical formulations and cosmetic formulations, e.g., as plasticizer, plasticizer oil, and/or process oil, and to a polymer formulation comprising at least one polymer and said composition.