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(71) Applicant: **BASF SE** [DE/DE]; Carl-Bosch-Strasse 38,
67056 Ludwigshafen am Rhein (DE).

(72) Inventors: **WESP, Svenja**; Carl-Bosch-Straße 38, 67056
Ludwigshafen am Rhein (DE). **BRYM, Markus**; Carl-
Bosch-Straße 38, 67056 Ludwigshafen am Rhein (DE).
LEDERHOSE, Paul; Carl-Bosch-Straße 38, 67056 Lud-
wigshafen am Rhein (DE).

(74) Agent: **BASF IP ASSOCIATION**; BASF SE GBI - C006,
67056 Ludwigshafen (DE).

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(54) Title: MEDIUM MOLECULAR POLYISOBUTENE WITH A HIGH CONTENT OF CERTAIN DOUBLE BOND ISOMERS

(57) Abstract: The present invention concerns mixtures of polyisobutenes, preferably low or medium molecular polyisobutene, more preferably medium molecular polyisobutene with a number-average molecular weight M_n of more than 10000 and up to 100000 g/mol with a high content of tetra-substituted double bond isomers exhibiting a high reactivity in thermal and/or photoreactions and/or radical backbone functionalisation and/or chlorine-based functionalisation.

WO 2023/152258 A1