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(71) Applicant: LANXESS INC. [CA/CA]; 1265 Vidal Street
South, Sarnia, Ontario N7T 7M2 (CA).

(72) Inventors: SIEGERS, Conrad; 34 Gretna Green, London,
Ontario N6G 1X1 (CA). SCHENKEL, Ralf-Ingo; 1655
Winton Road, Sarnia, Ontario N7V 4C1 (CA). KRISTA,
Rayner; 21 Locke Heights, Strathroy, Ontario N7G 3X1
(CA).

(74) Agent: BRUNET, Robert; 10712 Melrose Drive, Ko-
moka, Ontario N0L 1R0 (CA).

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(54) Title: PROCESS FOR CONTINUOUS PRODUCTION OF HALOGEN-FREE THERMOPLASTIC ELASTOMER COMPOSITIONS

(57) Abstract: A continuous process for the production of a dynamically vulcanized thermoplastic elastomer comprising a thermoplastic resin and a non-halogenated elastomer with a multiolefin content of greater than 3.5 mol% that has been modified in situ with a carboxylic anhydride. The process provides materials with improved elongation at break and ultimate tensile strength that can be produced economically and with reduced environmental impact.



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