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(71) Applicant: GRILLO-WERKE AG [DE/DE]; Weseler Str. 1, 47169 Duisburg (DE).

(72) Inventors: OTT, Timo; c/o Grillo-Werke AG, Weseler Str. 1, 47169 Duisburg (DE). BIERTÜMPPEL, Ingo; c/o Grillo-Werke AG, Weseler Str. 1, 47169 Duisburg (DE).

(74) Agent: DOMPATENT VON KREISLER SELTING WERNER - PARTNERSCHAFT VON PATENTANWÄLTEN UND RECHTSANWÄLTEN MBB; Deichmannhaus am Dom, Bahnhofsvorplatz 1, 50667 Köln (DE).

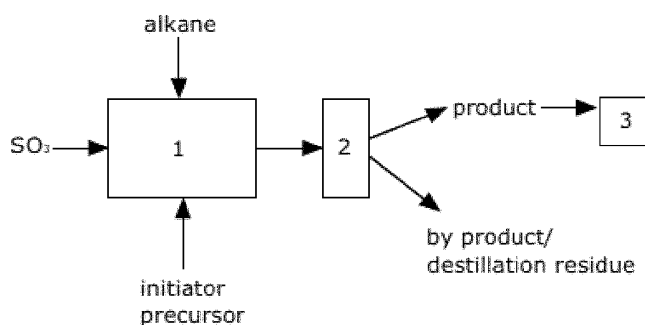
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(54) Title: SOLVENT-FREE ALKANE SULFONATION



Figur 1

(57) Abstract: The present invention relates to an alkane-sulfonation process using alkane and sulfur trioxide, especially pure sulfur trioxide (100%) under solvent-free conditions in the presence of an initiator. It further relates to the use of a precursor which forms "in-situ" an initiator for manufacturing of alkanesulfonic acids, especially methanesulfonic acids.

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