

Title (en)
PROCESS FOR THE PREPARATION OF 3-(METHYLTHIO)PROPANAL

Title (de)
VERFAHREN ZUR HERSTELLUNG VON 3-(METHYLTHIO)-PROPANAL

Title (fr)
PROCEDE DE PREPARATION DE 3-(METHYLTHIO)PROPANAL

Publication
EP 0770062 A4 19990210 (EN)

Application
EP 95926631 A 19950706

Priority
• US 9508532 W 19950706
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Abstract (en)
[origin: WO9601810A1] A process for the continuous preparation of 3-(methylthio)propanal. A liquid reaction medium is contacted with a gaseous acrolein feed stream in a gas/liquid contact zone. The reaction medium contains 3-(methylthio)propanal, methyl mercaptan and a catalyst for the reaction between methyl mercaptan and acrolein. The gaseous acrolein feed stream comprises acrolein vapor and non-condensable gas. Acrolein is transferred from the acrolein feed stream to the reaction medium and reacts with methyl mercaptan in that medium to produce a liquid reaction product containing 3-(methylthio)propanal. The non-condensable gas is separated from the liquid reaction product. The reaction product is divided into a product fraction and a circulating fraction, and the circulating fraction is recycled to the gas/liquid contact zone.

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IPC 8 full level
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CPC (source: EP KR)
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• [PX] WO 9429254 A1 19941222 - NOVUS INT INC [US]
• See references of WO 9601810A1

Designated contracting state (EPC)
BE DE DK ES FR GB IE IT LU MC NL PT

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WO 9601810 A1 19960125; AU 3093995 A 19960209; AU 699841 B2 19981217; CN 1152913 A 19970625; EP 0770062 A1 19970502; EP 0770062 A4 19990210; JP H10504812 A 19980512; KR 970704681 A 19970906; MX 9700276 A 19970531; PL 318213 A1 19970526; RU 2149159 C1 20000520; TW 296373 B 19970121

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