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(71) Applicant (for all designated States except US):
ARKEMA FRANCE [FR/FR]; 420, rue d'Estienne
d'Orves, 92700 Colombes (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DEVAUX, Jean-François** [FR/FR]; 39, rue du Stade, 69510 Soucieu-en-Jarrest (FR). **DUBOIS, Jean-Luc** [FR/FR]; 190, rue du Coteau, 69390 Millery (FR).

(74) Agent: **BONNEL, Claudine**; Arkema France, DRD - DPI, 420, rue d'Estienne d'Orves, 92705 Colombes CEDEX (FR).

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(54) Title: IMPROVED PROCESS FOR MANUFACTURING ACROLEIN/ACRYLIC ACID

(57) Abstract: The present invention relates to the selective elimination of propanal in acrolein-rich streams to produce acrolein and/or acrylic acid and/or acrylonitrile and/or methylmercaptopropionaldehyde containing low amount of propanal and/or propionic acid and/or propionitrile. One subject of the present invention is a process for manufacturing acrolein comprising a step of selective elimination of propanal in an acrolein-rich stream in contact with a catalyst comprising at least molybdenum. Another subject of the present invention is a process for manufacturing acrylic acid from glycerol including a step of selective elimination of propanal in an acrolein-rich stream in contact with a catalyst comprising at least molybdenum.



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