

Title (en)

METHOD FOR THE SYNTHESIS OF ACROLEIN FROM GLYCEROL

Title (de)

VERFAHREN ZUR SYNTHESE VON ACROLEIN AUS GLYCEROL

Title (fr)

PROCEDE DE SYNTHESE D'ACROLEINE A PARTIR DE GLYCEROL

Publication

EP 2220020 A1 20100825 (FR)

Application

EP 08863492 A 20081216

Priority

- FR 2008052314 W 20081216
- FR 0760075 A 20071220

Abstract (en)

[origin: WO2009081021A1] The invention provides a technology for producing acrolein from glycerol while maintaining high reagent partial pressures, which leads to a higher yield. The invention more particularly relates to a method for producing acrolein from glycerol that comprises the intermediate step of forming glycerol and acrolein cyclic acetals.

IPC 8 full level

C07C 45/57 (2006.01); **C07C 45/59** (2006.01); **C07C 45/60** (2006.01)

CPC (source: EP US)

C07C 45/52 (2013.01 - EP US); **C07C 45/59** (2013.01 - EP US); **C07C 45/60** (2013.01 - EP US); **C07D 317/20** (2013.01 - EP US); **C07D 319/06** (2013.01 - EP US)

Citation (search report)

See references of WO 2009081021A1

Citation (examination)

US 5183944 A 19930202 - WERLE PETER [DE], et al & US 3014924 A 19611226 - EDWARD BRACHMAN ARMAND

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Designated extension state (EPC)

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FR 0760075 A 20071220; CN 200880120900 A 20081216; EP 08863492 A 20081216; FR 2008052314 W 20081216; JP 2010538860 A 20081216; US 80826108 A 20081216