

Title (en)

POLYMER GRADE ACRYLIC ACID PRODUCTION

Title (de)

HERSTELLUNG VON ACRYLSÄURE IN POLYMERQUALITÄT

Title (fr)

PRODUCTION D'ACIDE ACRYLIQUE DE GRADE POLYMERE

Publication

**EP 3947340 A1 20220209 (FR)**

Application

**EP 20731162 A 20200320**

Priority

- FR 1903519 A 20190402
- FR 2020050607 W 20200320

Abstract (en)

[origin: WO2020201661A1] The invention relates to the purification of an acrylic acid comprising low-grade aldehyde compounds according to a distillation process in a distillation unit in the absence of a chemical aldehyde-treating reagent, producing a polymer grade acrylic acid stream that is withdrawn from a side outlet of the distillation unit. The invention makes it possible to eliminate the use of a CMR classified product in the production of the polymer grade acrylic acid from a technical grade acrylic acid and thus meets the HSE requirements of industrial plants.

IPC 8 full level

**C07C 57/07** (2006.01)

CPC (source: EP KR US)

**C07C 51/44** (2013.01 - EP KR US); **C07C 57/04** (2013.01 - KR US)

C-Set (source: EP)

**C07C 51/44** + **C07C 57/04**

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Designated extension state (EPC)

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DOCDB simple family (publication)

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