

Title (en)

DELIVERY DEVICE FOR A VACUUM DISTILLATION PLANT

Title (de)

FÖRDEREINRICHTUNG FÜR EINE VAKUUMDESTILLATIONSANLAGE

Title (fr)

DISPOSITIF DE TRANSPORT POUR INSTALLATION DE DISTILLATION SOUS VIDE

Publication

EP 3374644 A1 20180919 (DE)

Application

EP 16809293 A 20161110

Priority

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- EP 2016077309 W 20161110

Abstract (en)

[origin: WO2017081179A1] The invention relates to a delivery device for a vacuum distillation plant for substance mixtures that polymerize and/or decompose easily, in particular acrolein, in which plant an intermediate product formed in a preliminary stage is delivered by means of a pump into a vacuum distillation column (37). The invention is characterized in that the pump is a hermetically sealed centrifugal pump (31) with a magnetic coupling, and in that a pressure-maintaining control valve (34), which is configured to adjust the throughput of the centrifugal pump (31) to a predetermined value, is provided between the centrifugal pump (31) and the vacuum distillation column (37).

IPC 8 full level

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Citation (search report)

See references of WO 2017081179A1

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