

Title (en)

HIGH TEMPERATURE DEPRESSURIZATION FOR NAPHTHA MERCAPTAN REMOVAL

Title (de)

HOCHTEMPERATUR-DRUCKABSENKUNG ZUR MERCAPTANENTFERNUNG AUS NAPHTA

Title (fr)

DEPRESSURISATION A HAUTE TEMPERATURE POUR L'ELIMINATION DE MERCAPTANS DE NAPHTA

Publication

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Application

**EP 00989628 A 20001205**

Priority

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Abstract (en)

[origin: WO0194502A1] The invention relates to naphtha hydrodesulfurization incorporating either high temperature depressurization or controlled heating for mercaptan removal. More particularly, the invention relates to a naphtha hydrodesulfurization process, wherein the hot naphtha exiting the desulfurization reactor (12) contains mercaptans, most of which are removed without olefin loss, by depressurizing the hot naphtha (14), thermally treating the hot naphtha, or some combination thereof. The desulfurized naphtha may be cooled and condensed to a liquid, separated (16) from the gaseous H<sub>2</sub>S, stripped and sent to a mogas pool.

IPC 1-7

**C10G 31/06**; **C10G 45/02**; **C10G 65/04**; **C10G 67/02**

IPC 8 full level

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**C10G 65/04** (2013.01); **C10G 2400/02** (2013.01)

Citation (search report)

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- See references of WO 0194502A1

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