

Title (en)

PROCESS FOR THE HYDRODESULFURIZATION OF SULFUR-CONTAINING OLEFINIC GASOLINE CUTS USING A REGENERATED CATALYST HAVING AN ORGANIC COMPOUND

Title (de)

VERFAHREN ZUR HYDROENTSCHWEFELUNG VON SCHWEFELHALTIGEN OLEFINISCHEN BENZINSCHNITTEN UNTER VERWENDUNG EINES REGENERIERTEN KATALYSATORS MIT EINER ORGANISCHEN VERBINDUNG

Title (fr)

PROCÉDÉ D'HYDRODÉSULFURATION DE COUPES ESSENCE OLÉFINIQUE CONTENANT DU SOUFRE METTANT EN OEUVRE UN CATALYSEUR REJUVENE À UN COMPOSE ORGANIQUE

Publication

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Application

EP 19813885 A 20191210

Priority

- FR 1873237 A 20181218
- EP 2019084439 W 20191210

Abstract (en)

[origin: WO2020126678A1] The invention relates to a process for the hydrodesulfurization of a sulfur-containing olefinic gasoline cut, wherein said gasoline cut is brought into contact with hydrogen and a regenerated catalyst, said hydrodesulfurization process being carried out at a temperature of between 200 and 400 °C, a total pressure of between 1 and 3 MPa, a hourly volumetric velocity, defined as being the volume flow of filler added to the volume of catalyst, of between 1 and 10 h⁻¹, and a hydrogen/gasoline volume ratio of between 100 and 1200 NL/L, said regenerated catalyst being formed by a hydrotreatment process and comprising at least one metal from group VIII, at least one metal from group VIB, an oxide support and at least one organic compound containing oxygen and/or nitrogen and/or sulfur.

IPC 8 full level

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Citation (search report)

See references of WO 2020126678A1

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FR 1873237 A 20181218; BR 112021008301 A 20191210; CN 201980084690 A 20191210; EP 19813885 A 20191210; EP 2019084439 W 20191210; KR 20217017926 A 20191210; US 201917414878 A 20191210