

Title (en)
LIQUID PHASE SELECTIVE HYDROGENATION OF A NORMALLY GASEOUS FEEDSTOCK CONTAINING ETHYLENE, ACETYLENE AND NAPHTHA

Publication
EP 0334742 B1 19921021 (FR)

Application
EP 89400781 A 19890320

Priority
FR 8803909 A 19880323

Abstract (en)
[origin: EP0334742A1] Process for selective hydrogenation in a liquid phase of an effluent originating from an ethane steam cracker, in which the said effluent is brought into contact with a catalyst consisting of at least supported palladium, characterised in that the operation is carried out in the presence of a liquid phase containing at least a proportion of the hydrogenated, condensed and recycled petrol cut of the said effluent. <??>The said effluent (1), the said liquid phase (8) and optionally hydrogen (13) pass through the hydrogenation reactor (4). The product obtained is fractionated (5) into a head gas cut (7) containing ethylene and a bottom liquid petrol cut which is partially recycled (8). <??>The process can be employed for the production of ethylene and for the production of petrol. <IMAGE>

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C10G 45/34

IPC 8 full level
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