

Title (en)
METHOD FOR THE DEHYDROAROMATISATION OF MIXTURES CONTAINING METHANE BY REGENERATING THE CORRESPONDING CATALYSTS THAT ARE DEVOID OF PRECIOUS METAL

Title (de)
VERFAHREN ZUR DEHYDROAROMATISIERUNG VON METHANHALTIGEN GEMISCHEN UNTER REGENERIERUNG DER ENTSPRECHENDEN EDELMETALLFREIEN KATALYSATOREN

Title (fr)
PROCÉDÉ DE DÉSHYDROAROMATISATION DE MÉLANGES CONTENANT DU MÉTHANE AVEC RÉGÉNÉRATION DES CATALYSEURS CORRESPONDANTS EXEMPTS DE MÉTAUX PRÉCIEUX

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Abstract (en)
[origin: WO2009124870A1] The invention relates to a method for the non-oxidative dehydroaromatisation of aliphatic hydrocarbons by reacting an educt flow containing aliphatic hydrocarbons, in the presence of a catalyst containing at least one metalosilicate as a carrier, at least one element selected from the groups Mo, W and Re as active components and at least one additional transitional metal that is not a precious metal, as a dopant. The catalyst is regularly regenerated under non-oxidative conditions with hydrogen. Preferably, Fe, Ni, Cu and Co are used as additional transitional metals.

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