

Title (en)
METHOD FOR PRODUCING OLEFINS THROUGH THERMAL WATER SPLITTING

Title (de)
VERFAHREN ZUM HERSTELLEN VON OLEFINEN DURCH THERMISCHES DAMPFSPALTEN

Title (fr)
PROCÉDÉ DE FABRICATION D'OLÉFINES PAR VAPOCRAQUAGE THERMIQUE

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Abstract (en)
[origin: WO2014023418A1] The invention relates to a method for reacting hydrocarbon feedstocks by thermal steam-cracking to form at least one olefin-containing product stream that contains at least ethylene and propylene, wherein a hydrocarbon feedstock is reacted at least partially in at least one cracking furnace (2), wherein the hydrocarbon feedstock is reacted in the cracking furnace (2) under mild cracking conditions, mild cracking conditions meaning that propylene is present in a ratio of 0.81 to 1.6 kg/kg of ethylene at the cracking furnace outlet and wherein the hydrocarbon feedstock contains primarily hydrocarbons with a carbon number of at most 6, preferably at most 5.

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