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

Publication

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Application

EP 13747796 A 20130806

Priority

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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.

IPC 8 full level

C10G 9/36 (2006.01)

CPC (source: CN EP KR RU US)

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Citation (opposition)

Opponent : INEOS Manufacturing Deutschland GmbH

- FR 1196927 A 19591126 - ICI LTD
- DE 1228244 B 19661110 - GOODYEAR TIRE & RUBBER
- EP 2557142 A1 20130213 - LINDE AG [DE]
- US 2011112345 A1 20110512 - CHEWTER LESLIE ANDREW [NL], et al
- WO 0132806 A1 20010510 - UNIV CONCORDIA [CA], et al
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- DE 1468441 A1 19681205 - AZOTE OFFICE NAT IND
- US 4655904 A 19870407 - OKAMOTO TOSHIRO [JP], et al
- GB 1011518 A 19651201 - CONCH INT METHANE LTD

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DOCDB simple family (publication)

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