

Title (en)
PRODUCTION OF OLEFINS

Title (de)
HERSTELLUNG VON OLEFINEN

Title (fr)
PRODUCTIONS D'OLEFINES

Publication
EP 1194500 A1 20020410 (EN)

Application
EP 00940364 A 20000608

Priority
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• EP 0005401 W 20000608
• EP 99111726 A 19990617

Abstract (en)
[origin: EP1061118A1] A process for the catalytic cracking of an olefin-rich feedstock which is selective towards light olefins in the effluent, the process comprising contacting a hydrocarbon feedstock containing one or more olefins, with an MEL-type crystalline silicate catalyst, which has been subjected to a steaming step and has a silicon/aluminium atomic ratio of from 150 to 800, at an inlet temperature of from 500 to 600 DEG C, at an olefin partial pressure of from 0.1 to 2 bars and the feedstock being passed over the catalyst at an LHSV of from 5 to 30h<-1>, to produce an effluent with an olefin content of lower molecular weight than that of the feedstock.

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C10G 11/05

IPC 8 full level
B01J 29/40 (2006.01); **C10G 11/05** (2006.01)

CPC (source: EP)
C10G 11/05 (2013.01); **C10G 2400/20** (2013.01)

Cited by
WO2011073226A2; WO2021198479A1; EP2143700A1; WO2012016788A1; WO2012016785A1; US9079813B2; US9227175B2; EP2082802A1; US9180439B2; WO2018210827A1; EP2082801A1; WO2021198166A1; US11517885B2; WO2013017498A1; WO2021198172A1; EP2108635A1; US9249065B2; WO2021198175A1; WO2019088935A1; WO2013017497A1; WO2013017499A1; EP2108637A1; WO2021099548A1; EP2082803A1; US11945760B2; WO2021099526A1; US11643371B2

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