

Title (en)
PRODUCTION OF OLEFINS

Title (de)
HERSTELLUNG VON OLEFINEN

Title (fr)
PRODUCTION D'OLEFINES

Publication
EP 1036133 A1 20000920 (EN)

Application
EP 98958122 A 19981207

Priority
• EP 98958122 A 19981207
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• EP 97121376 A 19971205

Abstract (en)
[origin: EP0921176A1] 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 a MFI-type crystalline silicate catalyst having a silicon/aluminium atomic ratio of at least about 300 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 10 to 30h⁻¹, to produce an effluent with an olefin content of lower molecular weight than that of the feedstock.

IPC 1-7
C10G 11/05

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

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C10G 11/05 (2013.01 - EP KR); **C10G 2400/20** (2013.01 - EP)

Citation (search report)
See references of WO 9929802A1

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WO2021198166A1; WO2021099548A1; EP2039427A1; EA017251B1; WO2011073226A2; WO2021198479A1; WO2009016156A1; EP2143700A1; WO2012016788A1; US9227175B2; EP2082802A1; WO2012016785A1; US9079813B2; EP2108635A1; US9249065B2; WO2021198175A1; US9180439B2; WO2018210827A1; EP2082801A1; WO2013017497A1; WO2013017499A1; WO2021099526A1; US11643371B2; EP2108637A1; EP2082803A1; US11945760B2; WO2013017498A1; WO2021198172A1; WO2022023359A1

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