

Title (en)  
PRODUCTION OF OLEFINS

Title (de)  
HERSTELLUNG VON OLEFINEN

Title (fr)  
PRODUCTION D'OLEFINES

Publication  
**EP 1036133 B1 20030702 (EN)**

Application  
**EP 98958122 A 19981207**

Priority  
• EP 98958122 A 19981207  
• BE 9800187 W 19981207  
• 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<sup>-1</sup>, 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)

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

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

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