

Title (en)
Production of olefins

Title (de)
Herstellung von Olefinen

Title (fr)
Production d'oléfines

Publication
EP 0921176 A1 19990609 (EN)

Application
EP 97121376 A 19971205

Priority
EP 97121376 A 19971205

Abstract (en)
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.

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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)

Citation (search report)
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• [Y] EP 0135621 A1 19850403 - MOBIL OIL CORP [US]
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