

Title (en)
Production of olefins

Title (de)
Herstellung von Olefinen

Title (fr)
Production d' oléfines

Publication
EP 1061118 A1 20001220 (EN)

Application
EP 99111726 A 19990617

Priority
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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 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)

Citation (search report)
• [XA] WO 9856740 A1 19981217 - EXXON CHEMICAL PATENTS INC [US]
• [A] EP 0109059 A1 19840523 - MONTEDIPE SPA [IT]

Cited by
CN104220169A; US9840672B2

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EP 1061118 A1 20001220; AT E246720 T1 20030815; AU 5532300 A 20010131; DE 60004367 D1 20030911; DE 60004367 T2 20040805; EP 1194500 A1 20020410; EP 1194500 B1 20030806; ES 2203487 T3 20040416; JP 2001031980 A 20010206; PT 1194500 E 20031231; WO 0100749 A1 20010104

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