

Title (en)

TA-NB CATALYST FOR THE PRODUCTION OF 1,3-BUTADIENE

Title (de)

TA-NB-KATALYSATOR ZUR HERSTELLUNG VON 1,3-BUTADIEN

Title (fr)

CATALYSEUR Ta-Nb POUR LA PRODUCTION DE 1,3-BUTADIÈNE

Publication

EP 3322532 A1 20180523 (FR)

Application

EP 16736077 A 20160705

Priority

- FR 1556661 A 20150713
- EP 2016065824 W 20160705

Abstract (en)

[origin: WO2017009108A1] The invention relates to a catalyst including a mesoporous oxide matrix, said matrix including at least one oxide of an element X selected from among silicon and titanium, taken alone or in a mixture, said catalyst including at least the element tantalum and the element niobium, the mass of tantalum making up from 0.1 to 30% of the mass of the mesoporous oxide matrix, the mass of niobium making up from 0.02 to 6% of the mass of the mesoporous oxide matrix, the mass content of the element tantalum being no lower than the mass content of the element niobium. The invention also relates to the use of said catalyst in a method for producing 1,3-butadiene from a feedstock including at least ethanol.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2017009108A1

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