

Title (en)
STABILISED PRODUCTION OF 1,3-BUTADIENE IN THE PRESENCE OF A TANTALUM OXIDE STIMULATED BY AN ALDOL-REACTION ELEMENT

Title (de)
STABILISIERTE HERSTELLUNG VON 1,3-BUTADIEN IN GEGENWART EINES DURCH EIN ALDOLREAKTIONSELEMENT STIMULIERTEN TANTALOXIDS

Title (fr)
PRODUCTION STABILISEE DE 1,3-BUTADIÈNE EN PRÉSENCE D'UN OXYDE DE TANTALE DOPE PAR UN ELEMENT ALDOLISANT

Publication
EP 3322523 A1 20180523 (FR)

Application
EP 16736076 A 20160705

Priority
• FR 1556663 A 20150713
• EP 2016065822 W 20160705

Abstract (en)
[origin: WO2017009106A1] The invention relates to a catalyst including at least the element tantalum, at least one aldol-reaction element and at least one mesoporous oxide matrix, the mass of tantalum making up from 0.1 to 30% of the mass of the mesoporous oxide matrix, the mass of the at least one aldol-reaction element making up from 0.02 to 4% of the mass of the mesoporous oxide matrix, and to the use thereof to convert ethanol into butadiene.

IPC 8 full level
B01J 23/20 (2006.01); **B01J 23/68** (2006.01); **B01J 35/10** (2006.01); **B01J 37/02** (2006.01); **C07C 1/20** (2006.01)

CPC (source: EP RU US)
B01J 23/02 (2013.01 - RU); **B01J 23/20** (2013.01 - EP RU US); **B01J 23/682** (2013.01 - EP US); **B01J 35/615** (2024.01 - EP US); **B01J 35/617** (2024.01 - US); **B01J 35/633** (2024.01 - US); **B01J 35/635** (2024.01 - EP US); **B01J 35/638** (2024.01 - US); **B01J 35/647** (2024.01 - EP RU US); **B01J 37/0201** (2013.01 - EP US); **C07C 1/20** (2013.01 - EP RU US); **C07C 11/167** (2013.01 - RU); **B01J 37/0203** (2013.01 - EP US); **B01J 2523/00** (2013.01 - EP US); **C07C 2521/10** (2013.01 - EP US); **C07C 2523/02** (2013.01 - EP US); **C07C 2523/06** (2013.01 - EP US); **C07C 2523/14** (2013.01 - EP US); **C07C 2523/20** (2013.01 - EP US); **C07C 2523/68** (2013.01 - EP US)

C-Set (source: EP US)
1. **B01J 2523/00 + B01J 2523/27 + B01J 2523/3706 + B01J 2523/41 + B01J 2523/57**
2. **B01J 2523/00 + B01J 2523/23 + B01J 2523/27 + B01J 2523/41 + B01J 2523/57**
3. **B01J 2523/00 + B01J 2523/22 + B01J 2523/27 + B01J 2523/41 + B01J 2523/57**
4. **B01J 2523/00 + B01J 2523/27 + B01J 2523/41 + B01J 2523/43 + B01J 2523/57**
5. **B01J 2523/00 + B01J 2523/27 + B01J 2523/3712 + B01J 2523/41 + B01J 2523/57**
6. **B01J 2523/00 + B01J 2523/18 + B01J 2523/3712 + B01J 2523/41 + B01J 2523/57**
7. **B01J 2523/00 + B01J 2523/18 + B01J 2523/22 + B01J 2523/41 + B01J 2523/57**
8. **C07C 1/20 + C07C 11/167**

Citation (search report)
See references of WO 2017009106A1

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BA ME

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