

**Method for the production of nanocrystalline bismuth-
molybdenum mixed oxide**

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Abstract:

The invention relates to a method for the production of a nanocrystalline bismuth-molybdenum mixed oxide, the use of the bismuth-molybdenum mixed oxide as catalyst for chemical
10 conversions, in particular for a conversion of propylene to acrolein and/or acrylic acid or of isobutylene to methacrolein and/or methacrylic acid as well as a catalyst which contains the bismuth-molybdenum mixed oxide.

15 (Fig. 7)