

Example 4:

GERMAN DEMOCRATIC REPUBLIC

PATENT

(19) Economic Patent

(19) DD

(11) 271 997 A3

Granted pursuant to §18 subs. 2 of the Patent Act

4(51) B01 J 23/76

B 01 J 23/94

B 01 J 39/00

OFFICE FOR INVENTIONS AND PATENTS

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(21) WP B 01 J/ 237 402 1

(22) February 15, 1982

(44) September 27, 1989

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(54) Process for Coupling the Reactivation and Preparation of Oxidation Catalysts

(57) The invention relates to a process for coupling the reactivation and preparation of oxidation catalysts. The object of the invention is an effective process for wet-chemical reactivation, by means of which the technical complexity and technology required for the preparation and reactivation are significantly decreased. The problem of reactivating the spent catalysts in such a manner that they achieve the activity and selectivity of a fresh catalyst, is solved by first grinding the spent catalyst to a particle size of below 50 µm. and then, in the stage in which the starting compound is dissolving or precipitating, adding it to the preparation process of the fresh catalysts having the identical or similar composition and then finally reactivating there with a salt solution or an aqueous suspension of oxidic compounds comprising at least one of the elements bismuth, iron and/or chromium and molybdenum.