

Title (en)

CARRYING OUT COMPLEX SYNTHESSES IN A SOFTWARE-CONTROLLED MANNER

Title (de)

SOFTWARE-GESTEUERTE DURCHFÜHRUNG KOMPLEXER SYNTHESSEN

Title (fr)

RÉALISATION DE SYNTHÈSES COMPLEXES COMMANDÉE PAR LOGICIEL

Publication

**EP 4371047 A1 20240522 (DE)**

Application

**EP 22737922 A 20220713**

Priority

- EP 21186035 A 20210716
- EP 2022069552 W 20220713

Abstract (en)

[origin: WO2023285507A1] The invention relates to a method for assisting in the production of chemical compounds (14) in a computer-supported manner using corresponding synthesis and purification systems (8), having the steps of generating a structured production specification (10) in the form of sequential work instructions (11) for the synthesis and purification systems (8) using a computer (2, 4); displaying the production specification (10) in the form of sequential work instructions (11) for operators (1) on a display (5) connected to the computer (2, 4) in the spatial vicinity of the production or purification systems (8) and carrying out the work instructions (11) by means of the operator(s) (1); detecting actual values (12) of set parameters for the production or purification process for each execution of a work instruction (11) by means of a computer (2, 4); comparing the detected actual values (12) of the set parameters with respective specified target values (15) which include thresholds, and calculating corresponding deviations using the computer (2, 4); and identifying the deviations on the display (5) and managing the deviations by means of the operator(s) (1) in order to further carry out the production method.

IPC 8 full level

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CPC (source: EP)

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