

Title (en)

DRYING APPARATUS AND USE THEREOF AND PROCESS FOR PRODUCING AN ISOCYANATE USING THE DRYING APPARATUS

Title (de)

TROCKNUNGSVORRICHTUNG UND IHRE VERWENDUNG SOWIE VERFAHREN ZUR HERSTELLUNG EINES ISOCYANATS UNTER EINSATZ DER TROCKNUNGSVORRICHTUNG

Title (fr)

DISPOSITIF DE SÉCHAGE ET SON UTILISATION AINSI QUE PROCÉDÉ DE FABRICATION D'UN ISOCYANATE UTILISANT LE DISPOSITIF DE SÉCHAGE

Publication

**EP 3948129 A1 20220209 (DE)**

Application

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Abstract (en)

[origin: WO2020201277A1] The present invention relates to a drying apparatus for evaporating volatile constituents from a starting material to be dried, to a process for producing an isocyanate using this drying apparatus and to the use of the drying apparatus for drying distillation bottoms streams, oil-containing waste, waste paint or coating materials, sewage sludges, mineral substances and coal slurries contaminated with organic compounds. In the drying apparatus the evaporated constituents (vapours) are passed into a condenser via a vapor dome and a vapor conduit. The drying apparatus has the feature that partial condensation of the vapours in the vapor dome and/or in the vapor conduit is intentionally allowed or induced during operation, and condensed constituents of the vapours are discharged from the drying apparatus via means installed for this purpose in the vapor dome and/or the vapour conduit.

IPC 8 full level

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Citation (search report)

See references of WO 2020201277A1

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