

Title (en)

DISCHARGING DEVICE AND METHOD FOR FILTERING AND DISCHARGING SOLIDS FROM A LIQUID

Title (de)

ABFÜHREINRICHTUNG SOWIE VERFAHREN ZUR FILTERUNG UND ABFÜHRUNG VON FESTSTOFFEN AUS EINER FLÜSSIGKEIT

Title (fr)

DISPOSITIF D'ÉVACUATION ET PROCÉDÉ DE FILTRATION ET D'ÉVACUATION DE SOLIDES D'UN LIQUIDE

Publication

**EP 4367335 A1 20240515 (DE)**

Application

**EP 22740400 A 20220706**

Priority

- EP 2021069166 W 20210709
- EP 2022068705 W 20220706

Abstract (en)

[origin: WO2023280904A1] The invention relates to a discharging device (2) for a basin (1), in particular for a sink or a washbasin, for filtering and discharging solids (3) from a liquid (4), having a two-dimensional filter component (6), through which the liquid (4) is able to drain, whereas the solids (3) remain on the surface (7) of the filter component (6). The invention provides for the two-dimensional filter component (6) to be mounted so as to circulate on a roller track (10) having at least two rollers (9), and to be able to be moved in circulation by at least one of the rollers (9) being driven, in order to discharge the filtered-out solids (3). Alternatively, the invention provides for the two-dimensional filter component (6) to be mounted on a movable slider (29) of a sliding guide system (28) and to be able to be moved in circulation by the slider (29) being moved along the sliding guide system (28), in order to discharge the filtered-out solids (3).

IPC 8 full level

**E03C 1/18** (2006.01); **B01D 33/00** (2006.01); **E03C 1/048** (2006.01); **E03C 1/264** (2006.01)

CPC (source: EP)

**E03C 1/264** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2023280904 A1 20230112**; AU 2022305782 A1 20240118; CN 117616182 A 20240227; DE 102023200098 A1 20240111; DE 102024200174 A1 20240711; EP 4367335 A1 20240515

DOCDB simple family (application)

**EP 2022068705 W 20220706**; AU 2022305782 A 20220706; CN 202280048704 A 20220706; DE 102023200098 A 20230109; DE 102024200174 A 20240109; EP 22740400 A 20220706