

Title (en)  
METHOD FOR RECYCLING AND RECOVERING CONCRETE SLUDGE

Title (de)  
VERFAHREN FÜR RECYCLING UND RÜCKGEWINNUNG VON BETONSCHLAMM

Title (fr)  
PROCÉDÉ DE RECYCLAGE ET DE VALORISATION DE BOUES DE BÉTON

Publication  
**EP 3962656 A1 20220309 (FR)**

Application  
**EP 20720816 A 20200422**

Priority  
• FR 1904553 A 20190430  
• EP 2020061127 W 20200422

Abstract (en)  
[origin: WO202221631A1] The method for recycling and recovering concrete sludge comprises a step of processing the concrete sludge which consists in separating the granulates contained in the concrete sludge from the water loaded with laitance contained in the concrete sludge; a step of clarifying and drying which consists in clarifying the water loaded with laitance, which has been separated in the concrete sludge processing step, and drying the laitance contained in the water loaded with laitance; a first step of use which consists in using the separated granulates as raw material for manufacturing concrete; and a second step of use which consists in using at least part of the clarified water produced in the clarification and drying step as raw material for manufacturing concrete.

IPC 8 full level  
**B03B 9/06** (2006.01)

CPC (source: EP US)  
**B03B 9/063** (2013.01 - EP US); **Y02W 30/58** (2015.05 - EP); **Y02W 30/91** (2015.05 - EP)

Citation (search report)  
See references of WO 202221631A1

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

DOCDB simple family (publication)  
**WO 202221631 A1 20201105**; BR 112021021805 A2 20220104; EP 3962656 A1 20220309; FR 3095603 A1 20201106;  
FR 3095603 B1 20230317; US 2022241796 A1 20220804

DOCDB simple family (application)  
**EP 2020061127 W 20200422**; BR 112021021805 A 20200422; EP 20720816 A 20200422; FR 1904553 A 20190430;  
US 202017607715 A 20200422