

Title (en)

Waste sludge recycling apparatus and method for recycling of waste sludge

Title (de)

Klärschlammrecyclingvorrichtung und -verfahren zur Wiederverwendung von Klärschlamm

Title (fr)

Appareil de recyclage de boues de déchets et procédé de recyclage de boues résiduelles

Publication

EP 3012370 B1 20180815 (EN)

Application

EP 14189919 A 20141022

Priority

EP 14189919 A 20141022

Abstract (en)

[origin: EP3012370A1] The present invention relates to a waste sludge recycling apparatus for a multilayer headbox being capable of supplying liquids onto a wire in a layered manner for forming a multilayer fiber web and including a plurality of manifolds to form corresponding layers of the multilayer fiber web in a forming section of a fiber web making machine, comprising a waste sludge recirculation means configured to be connected to at least one of the manifolds of the multilayer headbox for supplying waste sludge to be recycled to the at least one of the manifolds. Further, a waste sludge recycling method for forming a multilayer fiber web is provided, which comprises the steps of supplying liquids in a layered manner onto a wire of a forming section of a fiber web making machine via a multilayer headbox including a plurality of manifolds to form corresponding layers of the multilayer fiber web, and recirculating and supplying waste sludge to be recycled to at least one of the manifolds of the multilayer headbox.

IPC 8 full level

D21F 1/02 (2006.01); **D21F 1/66** (2006.01); **D21F 9/00** (2006.01)

CPC (source: EP)

D21F 1/022 (2013.01); **D21F 1/66** (2013.01); **D21F 9/006** (2013.01)

Cited by

CN106245400A

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

DOCDB simple family (publication)

EP 3012370 A1 20160427; **EP 3012370 B1 20180815**; CN 105544271 A 20160504; CN 105544271 B 20180102

DOCDB simple family (application)

EP 14189919 A 20141022; CN 201510507454 A 20150818