

Title (en)
APPROACH SYSTEM DEVICE

Title (de)
KONSTANTTEIL-VORRICHTUNG

Title (fr)
DISPOSITIF DE CIRCUIT DE TÊTE

Publication
EP 3004456 B1 20170201 (DE)

Application
EP 14724097 A 20140516

Priority
• DE 102013209998 A 20130529
• EP 2014060053 W 20140516

Abstract (en)
[origin: WO2014191227A1] The invention relates to a mixing device (6) for thinning a fibrous material suspension (1), suitable for producing a paper, board, tissue or other fibrous material web, by means of a thinning liquid (3), which is arranged after a cleaning device for removing contaminants from the fibrous material suspension (1). Thereby the most simple and comprehensive mixing possible shall be enabled such that the purified fibrous material suspension (1) is conducted via at least one suspension nozzle (11) into a mixing container (14) having an outlet (13), into which the thinning liquid (3) is also conducted via at least one thinning nozzle (12).

IPC 8 full level
D21D 5/26 (2006.01); **D21C 9/06** (2006.01); **D21D 5/24** (2006.01); **D21F 1/08** (2006.01); **D21F 1/66** (2006.01)

CPC (source: EP)
D21C 9/06 (2013.01); **D21D 5/24** (2013.01); **D21D 5/26** (2013.01); **D21F 1/08** (2013.01); **D21F 1/66** (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

DOCDB simple family (publication)
DE 102013209998 A1 20140522; CN 105247134 A 20160113; CN 105247134 B 20180112; EP 3004456 A1 20160413;
EP 3004456 B1 20170201; WO 2014191227 A1 20141204

DOCDB simple family (application)
DE 102013209998 A 20130529; CN 201480030552 A 20140516; EP 14724097 A 20140516; EP 2014060053 W 20140516