

Title (en)
DEVICE AND METHOD FOR PARTICLE AGGLOMERATION

Title (de)
VORRICHTUNG UND VERFAHREN ZUR TEILCHENAGGLOMERATION

Title (fr)
DISPOSITIF ET PROCEDE D'AGGLOMERATION DE PARTICULES

Publication
EP 1322394 A2 20030702 (DE)

Application
EP 01965254 A 20010905

Priority
• DE 10044156 A 20000906
• EP 0110230 W 20010905

Abstract (en)
[origin: WO0220116A2] The invention relates to a device for particle agglomeration, comprising a supply line containing a liquid having a particle load, and a probe which is connected to the supply line. Data related to a parameter PT which is dominated by the particle size, and to a parameter PK which is dominated by the concentration of the particle load in the liquid, can be determined by means of said probe, via a measuring signal. The invention also relates to a method for controlling the agglomeration of particles and the use of the inventive device or method for treating waste water.

IPC 1-7
B01D 21/00

IPC 8 full level
B01D 21/30 (2006.01); **B01D 21/32** (2006.01); **G01N 21/53** (2006.01); **C02F 1/56** (2006.01)

CPC (source: EP US)
G01N 21/532 (2013.01 - EP US); **C02F 1/56** (2013.01 - EP US); **C02F 2209/00** (2013.01 - EP US); **C02F 2209/11** (2013.01 - EP US)

Citation (search report)
See references of WO 0220116A2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0220116 A2 20020314; **WO 0220116 A3 20021212**; AU 8592801 A 20020322; DE 10044156 A1 20020404; EP 1322394 A2 20030702; US 2004090625 A1 20040513

DOCDB simple family (application)
EP 0110230 W 20010905; AU 8592801 A 20010905; DE 10044156 A 20000906; EP 01965254 A 20010905; US 36268603 A 20030724