

Title (en)
Control for a cavitator assembly

Title (de)
Steuerung einer Cavitator-Anlage

Title (fr)
Commande d'une installation de cavitateur

Publication
EP 2025392 B1 20120523 (DE)

Application
EP 08161421 A 20080730

Priority
• DE 102007035629 A 20070730
• DE 102007052642 A 20071105

Abstract (en)
[origin: EP2025392A2] The method involves providing a cavitator-system with a cavitator-section (1) having parallelly connected cavitators (1b), and determining minimum pressure decrease by the cavitator-section under consideration of characteristics e.g. temperature, of a fluid to be processed. A partial flow of fluid is supplied back from an end of the cavitator-section into a circular flow via a return passage (3) before beginning of the cavitator-section during falling of the pressure decrease. An independent claim is also included for a cavitator-system having a cavitator-section.

IPC 8 full level
B01F 3/08 (2006.01); **B01F 5/06** (2006.01); **B01F 5/10** (2006.01); **B01F 13/10** (2006.01); **B01F 15/00** (2006.01)

CPC (source: EP)
B01F 23/41 (2022.01); **B01F 25/4311** (2022.01); **B01F 25/4319** (2022.01); **B01F 25/433** (2022.01); **B01F 25/434** (2022.01); **B01F 25/50** (2022.01); **B01F 33/812** (2022.01); **B01F 33/813** (2022.01); **B01F 35/2115** (2022.01); **B01F 35/213** (2022.01); **B01F 35/2202** (2022.01)

Cited by
CN104245104A; RU2633568C2; DE102012206399B4; AU2013251106B2; DE202022102005U1; US9815034B2; WO2013156556A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2025392 A2 20090218; EP 2025392 A3 20100317; EP 2025392 B1 20120523

DOCDB simple family (application)
EP 08161421 A 20080730