

Title (en)

FLOW-THROUGH BEAKER WHICH CAN BE FILLED WITH A GRANULATE

Title (de)

MIT GRANULAT FÜLLBARER DURCHFLUSSBECHER

Title (fr)

CONTENANT TRAVERSE PAR UN FLUIDE ET POUVANT ETRE REMPLI DE GRANULES

Publication

**EP 0999995 A1 20000517 (DE)**

Application

**EP 99930987 A 19990324**

Priority

- DE 9900950 W 19990324
- DE 19814008 A 19980328

Abstract (en)

[origin: DE19814008A1] The invention relates to a flow-through beaker which can be filled with a granulate and through which a liquid to be treated can flow. The flow-through beaker has side walls at the ends of which screens are fitted, said screens helping to ensure that the liquid can flow through the granulate inside the flow-through beaker and that the granulate is essentially retained. The aim of the invention is to improve a flow-through beaker of this type so that the in-flowing liquid and at the same time, any escaping gases meet with as little resistance as possible. To this end, at least one screen has a textile fabric (23) wherein plastic fibres (24, 25) of at least two different types are interconnected in order to form a hybrid material, one of the types of plastic fibre (24) containing hydrophilic components and the other type (25) containing hydrophobic components.

IPC 1-7

**C02F 1/00**; B01D 24/10

IPC 8 full level

**C02F 1/00** (2006.01)

CPC (source: EP US)

**C02F 1/003** (2013.01 - EP US); **C02F 2307/06** (2013.01 - EP US)

Citation (search report)

See references of WO 9951527A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**DE 19814008 A1 19990930**; AU 4767599 A 19991025; EP 0999995 A1 20000517; US 6012232 A 20000111; WO 9951527 A1 19991014

DOCDB simple family (application)

**DE 19814008 A 19980328**; AU 4767599 A 19990324; DE 9900950 W 19990324; EP 99930987 A 19990324; US 10943398 A 19980702