

Title (en)
Cavitator

Title (de)
Kavitator

Title (fr)
Cavitateur

Publication
EP 2135667 B1 20101208 (DE)

Application
EP 09163116 A 20090618

Priority
• DE 202008008254 U 20080619
• DE 202008009204 U 20080709

Abstract (en)
[origin: EP2135667A1] The cavitator has a cavitator tube (1) comprising an inlet opening (3a) for supplying flow-through components, and an outlet opening (19) for discharging a mixture. Barrier bodies (8a, 8b) e.g. plate-shaped barrier bodies, lie in an inner space (1a) of the cavitator tube transverse along a main flow direction (10). Flow gaps are provided between outer edges of the barrier bodies and the cavitator tube. The cavitator tube is combinedly flanged in individual axial tube sections, which are a product inlet (2), a cavitation cone (3) and an axial feed-through (4).

IPC 8 full level
B01F 5/06 (2006.01)

CPC (source: EP US)
B01F 25/431 (2022.01 - EP); **B01F 25/4316** (2022.01 - EP); **B01F 25/43163** (2022.01 - EP US); **B01F 25/431972** (2022.01 - EP);
B01F 25/433 (2022.01 - EP); **B01F 25/4335** (2022.01 - EP US); **B01F 25/4338** (2022.01 - EP)

Cited by
DE102018105138B3; RU197014U1; DE202022102005U1; US9732068B1; WO2020124263A1

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 MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
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