

Title (en)  
AUTOMATIC INFLOW REGULATION

Title (de)  
AUTOMATISCHE EINLAUFREGULIERUNG

Title (fr)  
REGULATION AUTOMATIQUE D'UN AFFLUX

Publication  
**EP 3784417 B1 20231018 (DE)**

Application  
**EP 19719284 A 20190424**

Priority  
• DE 102018206580 A 20180427  
• EP 2019060442 W 20190424

Abstract (en)  
[origin: WO2019206948A1] The invention relates to an automatic inflow regulation and to a corresponding inlet device for a uniform inlet of bulk material, said device regulating the quantity of bulk material admitted into a cleaning machine without a manual adaptation by a user. For this purpose, a weight-loaded feed flap is used which is connected to a motor unit via a rotational axis. A counterweight for the flap can be adjusted by the movement of the motor and its own weight.

IPC 8 full level  
**B07B 11/04** (2006.01); **B07B 11/06** (2006.01)

CPC (source: EP RU)  
**B07B 11/04** (2013.01 - EP RU); **B07B 11/06** (2013.01 - EP)

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)  
**WO 2019206948 A1 20191031**; BR 112020021973 A2 20210126; BR 112020021973 B1 20231121; CN 111867739 A 20201030;  
CN 111867739 B 20230707; DE 102018206580 A1 20191031; DK 3784417 T3 20231204; EP 3784417 A1 20210303; EP 3784417 B1 20231018;  
ES 2966129 T3 20240418; RU 2747997 C1 20210518; UA 126216 C2 20220831

DOCDB simple family (application)  
**EP 2019060442 W 20190424**; BR 112020021973 A 20190424; CN 201980018527 A 20190424; DE 102018206580 A 20180427;  
DK 19719284 T 20190424; EP 19719284 A 20190424; ES 19719284 T 20190424; RU 2020129996 A 20190424; UA A202005835 A 20190424