

Title (en)
REFUSE COLLECTING DEVICE EQUIPPED WITH A VENTILATING DEVICE

Title (de)
ABFALLSAMMELVORRICHTUNG MIT BELÜFTUNGSEINRICHTUNG

Title (fr)
DISPOSITIF DE COLLECTE DE DECHETS EQUIPE D'UN SYSTEME DE VENTILATION

Publication
EP 1618054 A2 20060125 (DE)

Application
EP 04727000 A 20040413

Priority
• EP 2004003886 W 20040413
• DE 10317127 A 20030414

Abstract (en)
[origin: WO2004089786A2] The aim of the invention is to optimize the ventilation of refuse receptacles. To this end, the invention provides that a sensor (13) is placed inside a refuse receptacle (3) and serves to detect fermentation gases, water vapor or the like. The sensor signal is used in turn to regulate or control a fan (12) that withdraws gases and vapors from the refuse receptacle. A manual control of the ventilator by specifying the desired operating time is also conceivable. In addition, a nonreturn flap (15) is provided inside the suction tube (14) that prevents gases and vapors from flowing in the opposite direction out of a drain system (7) and into the receptacle (3).

IPC 1-7
B65F 1/14

IPC 8 full level
B65F 1/14 (2006.01)

CPC (source: EP US)
B65F 1/1426 (2013.01 - EP US); **B65F 2210/137** (2013.01 - EP US)

Citation (search report)
See references of WO 2004089786A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004089786 A2 20041021; **WO 2004089786 A3 20050303**; DE 10317127 A1 20041028; EP 1618054 A2 20060125; US 2006064802 A1 20060330

DOCDB simple family (application)
EP 2004003886 W 20040413; DE 10317127 A 20030414; EP 04727000 A 20040413; US 25148605 A 20051014