

Title (en)

GUIDE FLAP SYSTEM FOR A REFUSE COLLECTION VEHICLE

Title (de)

FÜHRUNGSKLAPPENSYSTEM FÜR EIN MÜLLSAMMELFAHRZEUG

Title (fr)

SYSTÈME DE VOLET DE GUIDAGE POUR UN VÉHICULE DE COLLECTE DE DÉCHETS

Publication

EP 4001174 A1 20220525 (EN)

Application

EP 21210226 A 20211124

Priority

NL 2026966 A 20201124

Abstract (en)

Guide flap system (100) for a refuse collection vehicle (1), comprising:• a guide flap (101) moveable along a trajectory from a lowered position to a predetermined raised position,• a sensor (121) configured to sense a predetermined sensing position of the guide flap relative to the trajectory and to generate a sensor signal (121 a) representative for the guide flap being at the predetermined sensing position, and• a processor unit (122) configured to receive the sensor signal, and generating a processor signal in dependence of the received sensor signal. The guide flap system is configured to determine according to a predetermined criterion whether the guide flap has followed at least part of the trajectory. The processor unit is configured to generate said processor signal if: the guide flap is arranged in the predetermined raised position, and the predetermined criterion has been met during moving of the guide flap along the trajectory into the predetermined raised position.

IPC 8 full level

B65F 3/04 (2006.01); **B65F 3/14** (2006.01)

CPC (source: EP)

B65F 3/04 (2013.01); **B65F 3/14** (2013.01)

Citation (search report)

- [XYI] WO 2006048667 A1 20060511 - NAMENEEDED LTD [GB], et al
- [Y] EP 1674411 A1 20060628 - GEESINK BV [NL]
- [XI] DE 925037 C 19550310 - SOVEL VEHICULES ELECTR IND SA
- [A] JP 2013155041 A 20130815 - HAMASAKI SHOKO KK

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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