

Title (en)

SENSOR MODULE FOR MONITORING A CLEANING MACHINE

Title (de)

SENSORMODUL ZUR ÜBERWACHUNG EINER REINIGUNGSMASCHINE

Title (fr)

MODULE CAPTEUR PERMETTANT LA SURVEILLANCE D'UNE MACHINE DE NETTOYAGE

Publication

EP 4237166 A1 20230906 (DE)

Application

EP 21799211 A 20211021

Priority

- DE 102020128719 A 20201102
- EP 2021079167 W 20211021

Abstract (en)

[origin: WO2022090045A1] The invention relates to a sensor module (100) for monitoring a cleaning machine (1) along a treatment section (BS) for cleaning containers (2), at least comprising a module body (101), at least one sensor unit (102...104), a control and evaluation unit (110) which is connected to the at least one sensor unit (102...104), and an energy supply unit (105), wherein the module body (101) is configured as a container basket and can be conveyed through the cleaning machine (1) with its longitudinal axis (L) transversely with respect to the treatment section (BS), wherein state and/or operating parameters (BP1, BP2, BP3) of the cleaning machine (1) which occur at least in sections along the treatment section (BS) can be detected by means of the at least one sensor unit (102...104) via a measurement routine (MR) which is carried out in the control and evaluation unit (110).

IPC 8 full level

B08B 9/20 (2006.01); **B08B 9/42** (2006.01); **B08B 13/00** (2006.01)

CPC (source: EP)

B08B 9/20 (2013.01); **B08B 9/42** (2013.01); **B08B 13/00** (2013.01)

Citation (search report)

See references of WO 2022090045A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022090045 A1 20220505; CN 116457114 A 20230718; DE 102020128719 A1 20220505; EP 4237166 A1 20230906

DOCDB simple family (application)

EP 2021079167 W 20211021; CN 202180074018 A 20211021; DE 102020128719 A 20201102; EP 21799211 A 20211021