

Title (en)
CLEANING MACHINE HAVING JOINT DEVICE AND CLEANING MACHINE HAVING DRIVE DEVICE

Title (de)
REINIGUNGSMASCHINE MIT GELENKEINRICHTUNG UND REINIGUNGSMASCHINE MIT ANTRIEBSEINRICHTUNG

Title (fr)
MACHINE DE NETTOYAGE COMPORTANT UN DISPOSITIF D'ARTICULATION ET MACHINE DE NETTOYAGE COMPORTANT UN DISPOSITIF D'ACTIONNEMENT

Publication
EP 3955792 A1 20220223 (DE)

Application
EP 20717184 A 20200406

Priority
• DE 102019109946 A 20190415
• EP 2020059802 W 20200406

Abstract (en)
[origin: WO2020212188A1] The invention relates to a cleaning machine comprising a cleaning head (52), a holding rod device (100), and a joint device (96) by means of which the holding rod device (100) is pivotably articulated on the cleaning head (52). A connecting element (120) is arranged on the holding rod device (100), which connecting element has a first region (126) and a second region (128), wherein the second region (128) is spaced apart from the first region (126) in a transverse direction (129) and the transverse direction (129) is oriented transversely to a longitudinal axis of the holding rod device (100), wherein the connecting element (120) is connected via the second region (128) to a joint (102) of the joint device (96), which joint is associated with a pivot axis (104), wherein in particular the joint is a first joint (102) of the joint device (96) and has a first pivot axis (104), and wherein the connecting element (120) is connected via the first region (126) to the holding rod device (100).

IPC 8 full level
A47L 11/282 (2006.01); **A47L 11/08** (2006.01); **A47L 11/24** (2006.01); **A47L 11/40** (2006.01)

CPC (source: EP US)
A47L 11/08 (2013.01 - US); **A47L 11/085** (2013.01 - EP); **A47L 11/24** (2013.01 - EP US); **A47L 11/282** (2013.01 - EP US);
A47L 11/4016 (2013.01 - EP US); **A47L 11/4041** (2013.01 - EP US); **A47L 11/4069** (2013.01 - EP US); **A47L 11/4075** (2013.01 - EP US);
A47L 2201/04 (2013.01 - US); **A47L 2201/06** (2013.01 - US)

Citation (search report)
See references of WO 2020212188A1

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)
DE 102019109946 A1 20201015; CN 113710138 A 20211126; EP 3955792 A1 20220223; US 2022031137 A1 20220203;
WO 2020212188 A1 20201022

DOCDB simple family (application)
DE 102019109946 A 20190415; CN 202080028232 A 20200406; EP 2020059802 W 20200406; EP 20717184 A 20200406;
US 202117501763 A 20211014