

Title (en)
Floor cleaning machine

Title (de)
Bodenreinigungsmaschine

Title (fr)
Machine de nettoyage de sol

Publication
EP 2022383 A1 20090211 (EN)

Application
EP 07425500 A 20070802

Priority
EP 07425500 A 20070802

Abstract (en)
A floor cleaning machine (1) comprising a chassis (2) which can travel over the floor along a travel direction and supports, on its side directed toward the floor, means for cleaning the floor and, to the rear with respect to the floor cleaning means along the travel direction of the chassis (2), a floor wiper (4) which can move, with respect to the chassis, along a path which is substantially transverse to the travel direction of the chassis; the chassis is provided with steering means (5) which can be operated to change its travel direction; the machine (1) further comprises actuation means which act on the floor wiper (4) to move the floor wiper along the path following an intervention performed on the steering means (5) to change the travel direction of the chassis (2).

IPC 8 full level
A47L 11/30 (2006.01)

CPC (source: EP US)
A47L 11/30 (2013.01 - EP US); **A47L 11/4044** (2013.01 - EP US); **A47L 11/4061** (2013.01 - EP US); **A47L 11/4069** (2013.01 - EP US);
A47L 11/4072 (2013.01 - EP US)

Citation (applicant)
• US 4158901 A 19790626 - JOHNSON EVERETT E [US], et al
• EP 0662301 A1 19950712 - TENNANT CO [US]

Citation (search report)
• [A] US 4158901 A 19790626 - JOHNSON EVERETT E [US], et al
• [A] EP 0662301 A1 19950712 - TENNANT CO [US]
• [A] US 4173056 A 19791106 - GEYER ROBERT A [US]
• [A] DE 9115713 U1 19920312
• [A] WO 2006110459 A2 20061019 - TENNANT CO [US], et al
• [A] DE 102005054499 A1 20070524 - STAEHLE GMBH U CO G [DE]

Cited by
CN115334949A; ITPN20100059A1; CN103153151A; US8966699B2; WO2012049057A1

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

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 2022383 A1 20090211; **EP 2022383 B1 20101215**; AT E491384 T1 20110115; CN 101357054 A 20090204; DE 602007011253 D1 20110127; JP 2009039527 A 20090226; US 2009031521 A1 20090205

DOCDB simple family (application)
EP 07425500 A 20070802; AT 07425500 T 20070802; CN 200810129627 A 20080801; DE 602007011253 T 20070802; JP 2008194292 A 20080729; US 21934208 A 20080721