

Title (en)

Floor treating device.

Title (de)

Bodenpflegegerät.

Title (fr)

Appareil d'entretien de sols.

Publication

EP 0666053 A1 19950809 (DE)

Application

EP 94116599 A 19941021

Priority

DE 4403290 A 19940203

Abstract (en)

The applicator supplying the cleaning fluid to the floor surface has an aerosol atomizer to produce a finely atomized spray whose drop sizes are preferably between 15 and 150 micrometers. The cleaning fluid can contain surfactants. The applicator which is fixed on the machine housing is preferably moved at a speed of between 0.1 and 0.2 metres per second over the floor to apply 0.05 to 0.12 litres per square metre. The applicator can have a piezo atomizer.

Abstract (de)

Bei einem Bodenpflegegerät mit einer Auftragsvorrichtung zum Aufbringen eines Reinigungsfluids auf eine zu reinigende Fußbodenfläche ist zur Vermeidung einer unwirtschaftlich großen Reinigungsfluidmenge ein Aerosolzerstäuber für das Aufbringen des Reinigungsfluids in feinstzerstäubter Tröpfchenform vorgesehen.

IPC 1-7

A47L 11/34

IPC 8 full level

A47L 11/34 (2006.01)

CPC (source: EP)

A47L 11/34 (2013.01); **A47L 11/4044** (2013.01); **A47L 11/4088** (2013.01)

Citation (search report)

- [X] EP 0537470 A1 19930421 - ALFATEC SPA [IT]
- [X] EP 0282395 A1 19880914 - SPADO LASSAILLY [FR]
- [X] US 3736259 A 19730529 - BUCK C, et al
- [XA] GB 2010081 A 19790627 - BISSELL INC
- [A] US 4563187 A 19860107 - MESMER OTTO [DE], et al
- [A] WO 9115564 A1 19911017 - HENKEL KGAA [DE]
- [A] WO 9001997 A1 19900308 - PA CONSULTING SERVICES [GB]
- [A] US 5152457 A 19921006 - BURWELL DONALD E [US], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 16, no. 581 (C - 1012) 21 December 1992 (1992-12-21)
- [X] PATENT ABSTRACTS OF JAPAN vol. 3, no. 65 (M - 061) 6 June 1979 (1979-06-06)

Cited by

EP1677659A4; US9033316B2; US9888821B2; US10653284B2; US11179017B2

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0666053 A1 19950809; EP 0666053 B1 19990922; DE 4403290 A1 19950810; DE 59408768 D1 19991028

DOCDB simple family (application)

EP 94116599 A 19941021; DE 4403290 A 19940203; DE 59408768 T 19941021