

Title (en)
Device for cleaning shoe soles

Title (de)
Vorrichtung zur Reinigung von Schuhsohlen

Title (fr)
Dispositif de nettoyage de semelles

Publication
EP 2095756 A3 20110511 (DE)

Application
EP 09002390 A 20090220

Priority
DE 102008012075 A 20080229

Abstract (en)
[origin: EP2095756A2] The device (10) has a brush roller (13) supported in a frame (16) in a rotatably movable manner. A longitudinal axis (L) of the brush roller is aligned parallel to a shoe sole plane, and the frame is arranged in a housing. The roller is mechanically, solely displaced into rotations (R, S) during treading of the device by a drive. The brush roller comprises a toothed wheel (17) at the longitudinal axis, where the wheel is engaged into a gear rod (18). A relative movement of the roller to the gear rod displaces the roller in rotation, and the longitudinal axis comprises a friction roller.

IPC 8 full level
A47L 23/02 (2006.01); **A47L 23/26** (2006.01)

CPC (source: EP)
A47L 23/02 (2013.01); **A47L 23/263** (2013.01)

Citation (search report)

- [XII] US 965176 A 19100726 - GERALDSON GERALD [US]
- [XII] DE 220957 C
- [A] US 130829 A 18720827
- [A] DE 550444 C 19320514 - THEODOR KLOETZLI
- [A] FR 1077774 A 19541110

Cited by
CN105496340A; CN108937815A; CN102309302A; GR1009362B; CN115429188A; CN111227762A; US11083361B2

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

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EP 2095756 A2 20090902; EP 2095756 A3 20110511; DE 102008012075 A1 20090910; DE 102008012075 B4 20100107

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