

Title (en)
BROOM FOR SELF-POWERED VEHICLE

Title (de)
BESEN FÜR MOTORISCH ANGETRIEBENES FAHRZEUG

Title (fr)
BALAI POUR VÉHICULE AUTOPROPULSÉ

Publication
EP 3120729 A1 20170125 (EN)

Application
EP 16178880 A 20160711

Priority
IT UB20152373 A 20150721

Abstract (en)
A broom (1) for surfaces comprising: - a frame (2) provided with a mounting portion (6) for mounting the broom to a self-powered vehicle: - at least one attaching bar (9) rigidly attached to the frame on the side opposite to said mounting portion and provided with a plurality of pairs of through holes (13), and - a plurality of bundles (14) of elongated elements (15), each elongated element having a substantially U-shaped major development line (16) and comprising, along said major development line (16), a first (17) and a second bending (18) and being composed of a first stretch (30) between a first (17) and a longitudinal end (31) of the elongated element, a second stretch (32) between said second bending (18) and a second longitudinal end (33) of the elongated element, and an intermediate stretch (34) between said first and second bendings, where each bundle (14) is inserted in a respective pair of holes (13) in such a way that said intermediate stretch (34) is interposed between said attaching bar (9) and the frame (2), and the said first stretch (30) and the second stretch (32) pass through respective hole (13) of said pair of holes, and protrude from the said attaching bar on the side opposite to said intermediate stretch, the first (30) and second stretches (32) of the elongated elements forming a plurality of bristles (8) of the broom.

IPC 8 full level
A46B 3/14 (2006.01); **A46B 3/16** (2006.01)

CPC (source: EP)
A46B 3/14 (2013.01); **A46B 3/16** (2013.01); **A46B 2200/3066** (2013.01)

Citation (applicant)
EP 2269484 B1 20120509 - ACTIWORK [FR]

Citation (search report)
• [X1] FR 2753889 A1 19980403 - DEGRUMELLE ALAIN [FR]
• [A] GB 2422534 A 20060802 - BROWN NICHOLAS ANDREW [GB]
• [AD] EP 2269484 A1 20110105 - ACTIWORK [FR]

Cited by
AT17836U1

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

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