

Title (en)
Rotating disc-shaped brush for sweeping machines

Title (de)
Rotierende Bürste für Kehrmaschinen

Title (fr)
Brosse rotative pour balayeuse

Publication
EP 1623652 A1 20060208 (EN)

Application
EP 04077152 A 20040723

Priority
EP 04077152 A 20040723

Abstract (en)
The invention relates to an improved gutter brush for sweeping machines, in which the gutter brush is constructed of a circle shaped base plate (11) with diameter D with along the circumference, at equal mutual distances, specially constructed easy to change gutter brush strips (19), in which these can be put into and removed from recesses with slots in a radial manner from the outside, in which the gutter brush strips (19) are provided with welded strips at an angle \pm of 30 degrees with uneven leg width for radial locking, in which the top plate (23) and the base plate (11) can be provided with a sound insulating coating or layer.

IPC 8 full level
A46B 13/00 (2006.01); **A46B 3/14** (2006.01)

CPC (source: EP)
A46B 3/14 (2013.01); **A46B 7/04** (2013.01); **A46B 13/008** (2013.01); **A46B 2200/3066** (2013.01)

Citation (search report)
• [A] FR 2753889 A1 19980403 - DEGRUMELLE ALAIN [FR]
• [A] EP 1419713 A1 20040519 - JORISSEN CLEMENS JACOBUS FRANC [NL]
• [A] FR 2614188 A1 19881028 - ROZIER HENRY [FR]
• [A] GB 861958 A 19610301 - LEWIN ROAD SWEEPERS LTD
• [E] WO 2004086905 A1 20041014 - SAJAKORPI OY [FI], et al

Cited by
EP4201253A1; BE1018211A3; EP3398478A1; US8621703B2; WO2007116115A1; WO2010004407A3; WO2012085658A3; BE1019720A5; EP3560378A1; US11523676B2; US11759004B2; US12029312B2; US10813443B2; EP4316310A1; EP3210494B1

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

DOCDB simple family (publication)
EP 1623652 A1 20060208

DOCDB simple family (application)
EP 04077152 A 20040723