

Title (en)
GUTTER BROOM AND GUTTER BROOM SYSTEM

Title (de)
REGENRINNENBESEN UND REGENRINNENBESENSYSTEM

Title (fr)
BALAI DE CANIVEAUX ET SYSTÈME DE BALAI DE CANIVEAUX

Publication
EP 2534306 A4 20140910 (EN)

Application
EP 11741778 A 20110210

Priority
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Abstract (en)
[origin: WO2011097710A2] A gutter broom system comprises a gutter broom that comprises a main structural body, a plurality of sweeping bristles depending from the main structural body, at least one opening in the main structural body for permitting a blast of air to pass through the main structural body as the gutter broom rotates. A gutter broom shroud is in surrounding relation to the gutter broom and defines a substantially hollow interior that receives the gutter broom. An air blast nozzle has an air outlet and is operatively mounted on one of the gutter broom shroud, the mounting means and the surface cleaning vehicle such that the air outlet is generally downwardly facing, for emitting a blast of air through the at least one opening in the main structural body towards the surface being cleaned, to thereby clean dirt from the surface being cleaned.

IPC 8 full level
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E01H 1/053 (2013.01 - EP US); **E01H 1/0818** (2013.01 - EP US); **A46B 2200/3066** (2013.01 - US)

Citation (search report)
• [A] WO 2006046863 A1 20060504 - REDEXIM HANDEL EN EXPL MIJ BV [NL], et al
• [A] US 4109341 A 19780829 - LARSEN GREGORY J, et al
• [X] US 3197798 A 19650803 - BROWN NEIL F, et al
• [X] US 1687728 A 19281016 - VOLNEY LIDDELL MOSES
• See references of WO 2011097710A2

Designated contracting state (EPC)
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