

Title (en)
DUSTLESS PICK-UP HEAD AND GUTTER BROOM APPARATUS

Title (de)
STAUBLOSER AUFNAHMEKOPF UND RINNSTEINKEHRER

Title (fr)
APPAREIL À TÊTE DE RAMASSAGE ET BALAI DE CANIVEAU NE GÉNÉRANT PAS DE POUSSIÈRES

Publication
EP 2948592 A4 20161228 (EN)

Application
EP 12886060 A 20121005

Priority
• CA 2012000952 W 20121005
• US 201161543779 P 20111005

Abstract (en)
[origin: WO2014053042A1] A dustless pick-up head and gutter broom apparatus comprises an air suctioning main fan; a pick-up head having a suctioning bottom opening, a debris-laden air egress, and a gutter broom suctioning inlet; a conduit connecting the main fan in air suctioning relation with the pick-up head to thereby provide a vacuum or recirculating type pick-up head; a gutter broom; a gutter broom housing generally surrounding the gutter broom with a debris receiving opening in the gutter broom housing to pennit debris to be engaged by the gutter broom and an air egress to permit the suctioning of debris -laden air from the gutter broom housing; and a gutter broom connector conduit having an inlet and an outlet. The inlet of the gutter broom connector conduit is connected in air receiving relation to the air egress of the gutter broom housing and the air outlet is connected in air delivery relation to the gutter broom suctioning inlet in the pick-up head. There is a maximum amount of distance between the air egress and the gutter broom suctioning inlet. The gutter broom suctioning inlet may be disposed adjacent the first end of the pick-up head or the gutter broom suctioning inlet may be disposed adjacent the front face of the pick-up head.

IPC 8 full level
E01H 1/04 (2006.01); **E01H 1/08** (2006.01)

CPC (source: EP)
E01H 1/0845 (2013.01)

Citation (search report)
• [XP] WO 2012113439 A1 20120830 - KAERCHER GMBH & CO KG ALFRED [DE], et al
• [E] EP 2690220 A1 20140129 - HAKO GMBH [DE]
• See references of WO 2014053042A1

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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