

Title (en)
Suction nozzles for suction refuse collecting vehicles.

Title (de)
Saugmundstück für Müllfahrzeuge.

Title (fr)
Tuyère d'aspiration pour camions de collecte.

Publication
EP 0083840 A1 19830720 (EN)

Application
EP 82306396 A 19821201

Priority
GB 8136870 A 19811207

Abstract (en)
A suction nozzle (10,40) has an opening (16,46) facing the ground, a front refuse inlet (17,47), a suction outlet (12,42) through which air is sucked and a rear air inlet (21,51). Sealing means (18,56) restrict air entry into the nozzle from the sides thereof. A rotary brush (20,50) for assisting passage of refuse to the outlet is mounted in the nozzle and rotated such that air from the air inlet travelling to the outlet passes through the brush harmoniously with its rotational direction.

IPC 1-7
E01H 1/08

IPC 8 full level
E01H 1/08 (2006.01)

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

Citation (search report)
• [X] GB 1184795 A 19700318 - JOHNSTON BROTHERS ENG, et al
• [A] AT 211861 B 19601110 - SCHOERLING & CO WAGGONBAU [DE]
• [A] US 3605170 A 19710920 - HANK EMIL J, et al

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US5839157A; US5010620A; US4729141A; DE4414628A1; CN106906779A; GB2164378A; CN102767151A; DE4140926A1; CN106120625A; GB2238563A; GB2238563B; DE10062329C1; CN107326848A; EP1215337A2; WO8701404A1

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