

Title (en)  
SUCTION NOZZLES FOR SUCTION REFUSE COLLECTING VEHICLES

Publication  
**EP 0083840 B1 19850410 (EN)**

Application  
**EP 82306396 A 19821201**

Priority  
GB 8136870 A 19811207

Abstract (en)  
[origin: EP0083840A1] 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)

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

Designated contracting state (EPC)  
DE FR GB NL

DOCDB simple family (publication)  
**EP 0083840 A1 19830720; EP 0083840 B1 19850410**; AU 553829 B2 19860731; AU 9115082 A 19830616; DE 3263033 D1 19850515

DOCDB simple family (application)  
**EP 82306396 A 19821201**; AU 9115082 A 19821206; DE 3263033 T 19821201