

Title (en)  
SUCTION DEVICE.

Title (de)  
SAUGANORDNUNG.

Title (fr)  
DISPOSITIF D'ASPIRATION.

Publication  
**EP 0466687 B1 19940706**

Application  
**EP 89905812 A 19890410**

Priority  
• SE 8703959 A 19871013  
• SE 8900188 W 19890410

Abstract (en)  
[origin: WO9011844A1] A device in casings (1) for sucking air containing impurities away from a region, under and near the casing, comprises a casing downwardly open, at least a suction opening (6) arranged inside the casing and connected to a suction member for generating an air flow from below, into the casing and out through the suction opening for conducting air away from the device, means (10-18, 28) for conducting a part of the air sucked from the interior of the casing back to the region of a lower edge of a side wall of the casing and members (23, 32', 34) for directing this air as a stream from a side edge towards the interior of the casing, so that secondary air flows into the casing are induced at its edge region. Said means comprises at least a second suction opening (10) separately arranged with respect to the first suction opening (6) for sucking in the air for said stream, all air sucked through the first suction opening being conducted away from the device. The second suction opening (10) is arranged closer to that side wall (4) of the casing which at the bottom is terminated by said edge than the first suction opening (6). The second suction opening (10) is arranged at a substantial height inside the casing, at least in the upper half of the casing.

IPC 1-7  
**B08B 15/02**

IPC 8 full level  
**A47J 36/38** (2006.01); **B08B 15/02** (2006.01); **F24C 15/20** (2006.01)

IPC 8 main group level  
**B08B** (2006.01)

CPC (source: EP)  
**B08B 15/02** (2013.01); **F24C 15/20** (2013.01)

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL

DOCDB simple family (publication)  
**WO 9011844 A1 19901018**; DE 68916654 D1 19940811; DE 68916654 T2 19950302; DK 161691 A 19911009; DK 161691 D0 19910919; EP 0466687 A1 19920122; EP 0466687 B1 19940706; FI 914443 A0 19910923; FI 95670 B 19951130; FI 95670 C 19960311; NO 174173 B 19931213; NO 174173 C 19940323; NO 913962 D0 19911010; NO 913962 L 19911010; SE 459324 B 19890626; SE 8703959 D0 19871013; SE 8703959 L 19890414

DOCDB simple family (application)  
**SE 8900188 W 19890410**; DE 68916654 T 19890410; DK 161691 A 19910919; EP 89905812 A 19890410; FI 914443 A 19910923; NO 913962 A 19911010; SE 8703959 A 19871013