

Title (en)  
Recirculation systems

Title (de)  
Rückführungs-systeme

Title (fr)  
Systèmes de recirculation

Publication  
**EP 0831179 A3 19981209 (EN)**

Application  
**EP 97307334 A 19970919**

Priority  
GB 9619716 A 19960920

Abstract (en)  
[origin: EP0831179A2] An air transfer system for a suction cleaning vehicle (10) is provided with an air recirculation system (34) which recirculates air and entrained matter from the pressure side of the fan (14) to the inlet region (40) of the matter-collecting tank (12) substantially without passing through the inlet duct to the tank. Dust and other entrained matter is thereby removed from the pressure discharge from the tank and re-enters the tank (12) for collection therein without the need to pass a second time through the nozzle or associated inlet duct of the cleaning vehicle. <IMAGE>

IPC 1-7  
**E01H 1/08**

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

CPC (source: EP)  
**E01H 1/0827** (2013.01)

Citation (search report)

- [XA] GB 160533 A 19210321 - WILLIAM JOHN COWELL
- [XY] DE 2034366 A1 19710204
- [YA] US 3887959 A 19750610 - MATSUO SUSUMU
- [X] DE 187843 C

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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**EP 0831179 A2 19980325; EP 0831179 A3 19981209**; GB 2317407 A 19980325; GB 9619716 D0 19961106

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