

Title (en)  
SYSTEM AND METHOD FOR REMOVING BRAKE DUST AND OTHER POLLUTANTS

Title (de)  
FINITE-ELEMENTE-ANALYSE-ERMÜDUNGSMESSGERÄT

Title (fr)  
SYSTEME ET PROCEDE POUR L'ELIMINATION DE POUSSIERE DE FREIN E D'AUTRE POLLUANTS

Publication  
**EP 1776170 A4 20080618 (EN)**

Application  
**EP 05723203 A 20050216**

Priority  

- US 2005005048 W 20050216
- US 79798504 A 20040309
- US 2004007368 W 20040309
- US 93687304 A 20040909

Abstract (en)  
[origin: WO2005091838A2] Systems and methods for capturing pollutants from braking mechanisms are provided. The systems can include a housing partially surrounding at least a portion of a vehicle brake assembly and disposed to receive brake dust from the brake assembly and a collector disposed to capture the brake dust received in said housing. A method can include providing the a providing a housing partially surrounding at least a portion of a vehicle brake assembly and disposed to receive brake dust from the brake assembly and a collector disposed to capture the brake dust received in said housing, creating a first air flow using the forward motion of the vehicle to move the pollutants from said housing to said collector, and capturing the brake dust in said collector.

IPC 8 full level  
**B60H 3/06** (2006.01); **B01D 46/50** (2006.01); **B62D 25/16** (2006.01); **F16D 65/00** (2006.01); **F16N 31/00** (2006.01)

CPC (source: EP)  
**B62D 25/18** (2013.01); **F16D 65/0031** (2013.01)

Citation (search report)  

- [XA] WO 8102690 A1 19811001 - PARTCOLL HANDELSBOLAG [SE], et al
- [XA] FR 2815099 A1 20020412 - PEUGEOT CITROEN AUTOMOBILES SA [FR]
- [XA] DE 19643869 A1 19980507 - FOESEL WOLFGANG [DE]
- [X] CH 687013 A5 19960830 - KARL BOESCH [CH], et al
- [XA] DE 4240873 A1 19940609 - TEVES GMBH ALFRED [DE]
- [A] DE 3934422 A1 19900426 - BOESCH KARL [CH], et al
- See references of WO 2005091838A2

Designated contracting state (EPC)  
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