

Title (en)  
FILTRATION SYSTEM WITH COLLECTOR TRAY

Title (de)  
FILTRATIONSSYSTEM MIT SAMMELSCHALE

Title (fr)  
SYSTEME DE FILTRATION AVEC BAC COLLECTEUR

Publication  
**EP 4244498 A1 20230920 (FR)**

Application  
**EP 21802322 A 20211029**

Priority  
• FR 2011583 A 20201112  
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Abstract (en)  
[origin: CA3196869A1] The invention relates to a system (1) for capturing braking particles of a friction brake system (10), which comprises a vacuum source (20), a pneumatic circuit (30) connecting the friction brake system (10) to the vacuum source (20), and a particle filtration system (40) located on the pneumatic circuit (30) and comprising a support (41) and a filter (42), said filter being mounted on the support (41) and, during operation, becoming clogged with particles, preferentially on the surface. The capture system (1) further comprises a storage container (50) which is adapted to receive particles that become detached from the filter (42).

IPC 8 full level  
**F16D 65/00** (2006.01); **B01D 46/00** (2022.01); **B60T 17/22** (2006.01)

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Citation (search report)  
See references of WO 2022101040A1

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