

Title (en)  
Process and apparatus for cleaning dust-laden and noxious exhaust gases.

Title (de)  
Verfahren und Vorrichtung zur Reinigung staub- und schadstoffhaltiger Abgase.

Title (fr)  
Procédé et appareil pour la purification d'effluents de gaz poussiéreux et nocifs.

Publication  
**EP 0461695 B1 19950215 (DE)**

Application  
**EP 91201274 A 19910529**

Priority  
• DE 4018488 A 19900609  
• DE 4023723 A 19900726

Abstract (en)  
[origin: US5160510A] A process and apparatus are used for purifying dust- and pollutant-containing exhaust gases, which are first subjected in a first stage to a dry purification in a mass separator and are subsequently subjected in a second stage to an electrostatic purification in an electrostatic precipitator. In the second stage the exhaust gases are passed through one or more fields provided with liquid-wetted collecting electrodes, which define gas passages. The electrostatic precipitator also has an overflow trough and a collecting trough for each collecting electrode. Liquid supplied to the overflow trough flows onto the collecting electrode and then is collected in the collecting trough.

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IPC 8 full level  
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CPC (source: EP KR US)  
**B03C 3/011** (2013.01 - EP US); **B03C 3/017** (2013.01 - EP US); **B03C 3/025** (2013.01 - EP US); **B03C 3/40** (2013.01 - KR); **B03C 3/53** (2013.01 - EP US); **B03C 3/76** (2013.01 - EP US); **B03C 3/88** (2013.01 - EP US)

Cited by  
DE102008046414A1; CN105013275A; DE102011012011A1; DE102009006528A1; DE102008046410A1; DE102008046410B4; US8945288B2; WO2010086093A1

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