

Title (en)  
Document shredding machine.

Title (de)  
Schriftgutvernichter.

Title (fr)  
Déchiqueteur de documents.

Publication  
**EP 0503268 B1 19950628 (DE)**

Application  
**EP 92101877 A 19920205**

Priority  
DE 4103950 A 19910209

Abstract (en)  
[origin: US5167374A] A piston-and-cylinder retarder delays the switch opening of a switch actuated by a sensor in the path of paper introduced through the paper-feed shaft or chute of a paper shredder, thereby eliminating the need for more expensive and complex electronic time-delay systems to ensure that the shredding unit remains switched on until the trailing edge of the paper passes it.

IPC 1-7  
**B02C 18/00**

IPC 8 full level  
**B02C 18/00** (2006.01)

CPC (source: EP US)  
**B02C 18/0007** (2013.01 - EP US); **B02C 2018/0023** (2013.01 - EP US)

Cited by  
CN102458663A

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

DOCDB simple family (publication)  
**US 5167374 A 19921201**; AT E124297 T1 19950715; DE 4103950 C1 19920423; DE 59202646 D1 19950803; DK 0503268 T3 19951113; EP 0503268 A1 19920916; EP 0503268 B1 19950628; ES 2075487 T3 19951001

DOCDB simple family (application)  
**US 83385892 A 19920207**; AT 92101877 T 19920205; DE 4103950 A 19910209; DE 59202646 T 19920205; DK 92101877 T 19920205; EP 92101877 A 19920205; ES 92101877 T 19920205