

Title (en)  
Small-sized document shredder

Title (de)  
Klein-Aktenvernichter

Title (fr)  
Déchiqueteur de documents de petite taille

Publication  
**EP 0778087 A1 19970611 (DE)**

Application  
**EP 96118736 A 19961122**

Priority  
DE 19545087 A 19951204

Abstract (en)  
The shredder consists of a casing in lower and upper parts, containing endface bearing plates and scraper elements. The bearing plate (3) for the shredding rolls (4, 5) on the drive side also serves as the one-piece bottom (3a) of a bowl-shaped transmission casing (3, 3a, 3b) which can be closed by a cap (3c). The whole shredding unit, including the scraper battens, is mounted in the lower part (2) of the casing in the region of the endface bearing plates (3, 8) on vibration damping elements (9).

Abstract (de)  
Bei einem Klein-Aktenvernichter bildet die antriebsseitige Lagerplatte ( 3 ) für die Schneidwalzen ( 4, 5 ) zugleich den einstückigen Boden ( 3a ) eines schalenartigen, durch einen Deckel ( 3c ) verschließbaren Getriebegehäuses ( 3, 3a, 3b ). Die gesamte Schneidwerkseinheit inklusive der Abstreiferleisten ( 6, 7 ) ist zudem im Bereich der stirnseitigen Lagerplatten ( 3 u. 8 ) über schwingungsdämpfende Elemente ( 9 ) im Gehäuseunterteil ( 2 ) gelagert. <IMAGE>

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); **B02C 2018/0046** (2013.01 - EP US); **B02C 2018/0069** (2013.01 - EP US); **Y10S 241/30** (2013.01 - EP US)

Citation (applicant)  
DE 4008654 A1 19910919 - SCHLEICHER & CO INT [DE]

Citation (search report)  
• [A] WO 9112890 A1 19910905 - FELLOWES MFG CO [US]  
• [A] EP 0502355 A1 19920909 - GEHA WERKE GMBH [DE]  
• [AD] DE 4008654 A1 19910919 - SCHLEICHER & CO INT [DE]  
• [A] GB 2261177 A 19930512 - OFREX GROUP HOLDINGS PLC [GB]  
• [A] PATENT ABSTRACTS OF JAPAN vol. 014, no. 053 (C - 0683) 31 January 1990 (1990-01-31)

Cited by  
US5954280A; WO2016070948A1; DE202015009627U1; DE202015009626U1; DE202015009629U1

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DE ES FR GB IT

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**DE 19545087 A1 19970605**; **DE 19545087 C2 20030612**; DE 59607165 D1 20010802; EP 0778087 A1 19970611; EP 0778087 B1 20010627; ES 2161320 T3 20011201; US 5893524 A 19990413

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