

Title (en)  
Small-sized document shredder

Title (de)  
Klein-Aktenvernichter

Title (fr)  
Déchiqueteur de documents de petite taille

Publication  
**EP 0778087 B1 20010627 (DE)**

Application  
**EP 96118736 A 19961122**

Priority  
DE 19545087 A 19951204

Abstract (en)  
[origin: EP0778087A1] 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).

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)

Cited by  
US5954280A; WO2016070948A1; DE202015009627U1; DE202015009626U1; DE202015009629U1

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**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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**DE 19545087 A 19951204**; DE 59607165 T 19961122; EP 96118736 A 19961122; ES 96118736 T 19961122; US 76065096 A 19961204