

Title (en)  
DOCUMENT COMMUNUTING DEVICE

Publication  
**EP 0090248 B1 19860129 (DE)**

Application  
**EP 83102494 A 19830314**

Priority  
CH 195082 A 19820330

Abstract (en)  
[origin: US4558827A] A document shredder having a rotary cutter with axially extending rows of teeth, each row having alternating teeth of different heights. The heights of the teeth are selected such that the difference in the heights of the teeth is greater than the height of the smaller teeth. This relationship ensures breaking up of the document into small shreds and allows the cutter to be driven at low speeds, thereby reducing the power requirements and the noise level.

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

IPC 8 full level  
**B02C 18/00** (2006.01); **B02C 18/06** (2006.01); **B02C 18/18** (2006.01)

CPC (source: EP US)  
**B02C 18/0007** (2013.01 - EP US); **B02C 18/182** (2013.01 - EP US)

Cited by  
CN112473905A; US4754933A; US4878626A

Designated contracting state (EPC)  
AT BE DE FR GB IT NL SE

DOCDB simple family (publication)  
**EP 0090248 A2 19831005; EP 0090248 A3 19840801; EP 0090248 B1 19860129**; AT E17661 T1 19860215; CH 656076 A5 19860613; DE 3361954 D1 19860313; JP S58180243 A 19831021; JP S6132064 B2 19860724; US 4558827 A 19851217

DOCDB simple family (application)  
**EP 83102494 A 19830314**; AT 83102494 T 19830314; CH 195082 A 19820330; DE 3361954 T 19830314; JP 5284183 A 19830330; US 47972283 A 19830328