

Title (en)
Cutting device for a document shredder.

Title (de)
Schneidwerk für einen Dokumentenvernichter.

Title (fr)
Dispositif de coupe pour destructeur de documents.

Publication
EP 0447854 B1 19950111 (DE)

Application
EP 91102991 A 19910228

Priority
DE 4008659 A 19900317

Abstract (en)
[origin: JPH0568906A] PURPOSE: To prevent strips from being caught by a roller at the time of cutting a flat material to the strips. CONSTITUTION: A cutting mechanism 11 for torsion cut has two cutting rollers 12, 13. Respective cutting disks 14, 15 have a steep cutting face 22 and a sloping back face 23 in each case. The transitions between the sloping back face 23 and a roller body 16 are generously filleted. Ratios between the cutting disk spacing, height, etc., are such that an opening 29 for the cut strips 28 has a compact and well rounded shape so that the cut strips 28 do not tend to get caught at the opening 29.

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

IPC 8 full level
B02C 18/06 (2006.01); **B02C 18/00** (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); **Y10T 83/783** (2015.04 - EP US)

Cited by
EP0928222B2

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

DOCDB simple family (publication)
EP 0447854 A2 19910925; **EP 0447854 A3 19911106**; **EP 0447854 B1 19950111**; DE 4008659 A1 19910919; DE 59104192 D1 19950223; JP 3225488 B2 20011105; JP H0568906 A 19930323; US 5207392 A 19930504

DOCDB simple family (application)
EP 91102991 A 19910228; DE 4008659 A 19900317; DE 59104192 T 19910228; JP 12700791 A 19910314; US 67005491 A 19910315