

Title (en)

Shredder with mechanical sensor

Title (de)

Reisswolf mit mechanischem Sensor

Title (fr)

Déchiqueteur avec capteur mécanique

Publication

**EP 0792691 B1 20020417 (EN)**

Application

**EP 97101495 A 19970130**

Priority

GB 9601843 A 19960130

Abstract (en)

[origin: EP0792691A1] A shredding machine (10) comprising a housing (11) containing cutting shafts (14,15) adapted to shred paper as the paper is passed through a shredding gap (13) between them, and a motor to cause rotation of the cutting shafts, having an operating means comprising first (17) and second (18) switching means to control supply of power to the motor, the first switching means (17) being operable through contact with the material and the second switching means (18) having an operating member which bears upon a guide surface (24) associated with one of the cutting shafts. The guide surface may be cam like such that the operating member (19) which bears upon it reciprocates as the guide surface (24) rotates, thus alternately opening and closing a switch which controls power to the motor. The shredder provides advantages over those currently known since the switching means allowing power to the motor are both mechanical, with no photoelectric or any other electronic sensors being required. <IMAGE>

IPC 1-7

**B02C 18/00**

IPC 8 full level

**B02C 18/00** (2006.01)

CPC (source: EP)

**B02C 18/0007** (2013.01); **B02C 2018/0023** (2013.01)

Cited by

EP0925834A1; CN102458663A; US6802465B1; US9724704B2; WO0112331A1; WO2010148200A3

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