

Title (en)

Switching arrangement for activating the cutting device of a document shredder

Title (de)

Schaltteinrichtung zum Schalten eines Schneidwerk-antriebes eines zerkleinernden Dokumentenvernichters

Title (fr)

Dispositif de commutation pour actionner le dispositif de coupe d'un destructeur de documents

Publication

**EP 0677330 B1 19980819 (DE)**

Application

**EP 95103019 A 19950303**

Priority

DE 4413079 A 19940415

Abstract (en)

[origin: EP0677330A1] The document shredder has an opening (13) for the papers or other material, with a light barrier (14) provided that comprises a light transmitter (15) and receiver (16). The barrier has an alignment device with a comparator (30) which compares a reference signal with the output signal of the receiver. From the difference signal is generated a switching signal for the cutter drive motors. The signals from the receiver are digitalised using an A/D converter (27) and the store (31,32) is digital. It is a non-volatile store containing EEPROM or buffered RAM. The comparator controls the motors through electronic relays (19,20). The alignment phase is activated automatically by the main switch. <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)

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