

ABSTRACT

SAFETY MECHANISM OF A PAPER SHREDDER

A safety mechanism of a paper shredder having a rotary cutter for precluding any personal danger to an operator. A switching projection is provided on a wastebasket. The switching projection drives the actuator of a micro switch to stop the rotary cutter without fail while the wastebasket is out of place in the shredder. A large stop switch for emergency purpose is provided on the top of the shredder so that the rotary cutter is immediately and reliably stopped in the event of an accident. The presence of papers to be shredded is detected and a cam is employed to perform automatic operation so that the rotary cutter is run all the time from insertion of the papers to completion of shredding. When the wastebasket is constructed of a deformable material, a safety guide is provided to restrain inward deformation of the wastebasket so that no gap is generated to keep out any finger of the operator.

It is suggested that Fig. 1 should accompany the abstract when published.

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