

Title (en)  
ROLL PAPER FEEDER

Title (de)  
ROLLENPAPIERSPENDER

Title (fr)  
DISPOSITIF D'ALIMENTATION DE PAPIER EN ROULEAU

Publication  
**EP 1535559 A1 20050601 (EN)**

Application  
**EP 03730493 A 20030514**

Priority  
• JP 0305999 W 20030514  
• JP 2002155671 A 20020529

Abstract (en)  
Disclosed is an automatic roll paper feeder that has no switch on its face to be operated by a user and includes a sensor that reads the user starting or ceasing to pull out paper from the roll by monitoring movement of the paper. A signal from the sensor triggers a control program and causes the feeder to automatically cut and dispense the paper under the control program, thus eliminating the need for a user to act on any switch to operate the feeder. The feeder through movement of paper can read out the user's will precisely. The invention enables a handicapped user (e. g., one-armed, blind, aged or very young) to easily pull out and sever paper with one hand from a paper roll such as a toilet paper, cooking paper or paper towel in the form of a roll. <IMAGE>

IPC 1-7  
**A47K 10/36**

IPC 8 full level  
**A47K 10/36** (2006.01); **B65D 25/02** (2006.01); **B65D 25/52** (2006.01)

CPC (source: EP KR)  
**A47K 10/36** (2013.01 - KR); **A47K 10/3643** (2013.01 - EP)

Cited by  
WO2021086378A1; CN102846262A; EP2229087A4; US2022346606A1; EP4051069A4

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1535559 A1 20050601**; **EP 1535559 A4 20080423**; AU 2003242295 A1 20031212; CA 2487025 A1 20031204; CA 2487025 C 20100810; CN 100593996 C 20100317; CN 1655710 A 20050817; JP 2003339571 A 20031202; JP 3456649 B1 20031014; KR 100832977 B1 20080527; KR 20050004895 A 20050112; WO 03099090 A1 20031204

DOCDB simple family (application)  
**EP 03730493 A 20030514**; AU 2003242295 A 20030514; CA 2487025 A 20030514; CN 03812358 A 20030514; JP 0305999 W 20030514; JP 2002155671 A 20020529; KR 20047019405 A 20030514