

Title (en)
APPARATUS FOR SEPARATELY FEEDING SHEETS

Title (de)
VORRICHTUNG ZUR GETRENNTEN ZUFÜHRUNG VON BÜGELN

Title (fr)
APPAREIL D'ALIMENTATION EN FEUILLES SÉPARÉES

Publication
EP 1537038 A1 20050608 (EN)

Application
EP 03795245 A 20030827

Priority
• JP 0310874 W 20030827
• JP 2002246521 A 20020827

Abstract (en)
[origin: US2004041332A1] A sheet separate-feeding apparatus prevents double-feed of sheet caused by the separation roller, even in case that plural sheets overlapped to each other are strongly pushed toward a separation roller from a sheet stacking portion at the sheet supplying time. The sheet separate-feeding apparatus includes a separation roller for feeding out the sheet, and a separation pad which nips the sheet between the separation roller and it and separates its sheet from the other sheets, wherein there are provided stopper levers which are arranged on both sides of a contact portion on a sheet feeding surface between the separation roller and the separation pad so that they can come in and out, and which receive the sheet inserted from the sheet stacking portion.

IPC 1-7
B65H 1/08; **B65H 3/06**; **B65H 3/52**

IPC 8 full level
B65H 3/56 (2006.01); **B65H 3/52** (2006.01); **B65H 3/54** (2006.01)

CPC (source: EP US)
B65H 3/5223 (2013.01 - EP US); **B65H 3/54** (2013.01 - EP US)

Citation (search report)
See references of WO 2004024607A1

Designated contracting state (EPC)
DE GB

DOCDB simple family (publication)
US 2004041332 A1 20040304; AU 2003265172 A1 20040430; CN 1678509 A 20051005; EP 1537038 A1 20050608;
JP 2004083202 A 20040318; WO 2004024607 A1 20040325

DOCDB simple family (application)
US 65040203 A 20030827; AU 2003265172 A 20030827; CN 03820051 A 20030827; EP 03795245 A 20030827; JP 0310874 W 20030827;
JP 2002246521 A 20020827