Title (en)
A sheet stacker for preventing missing pages and a printer using the sheet stacker

Title (de)
Blattstapler zur Vermeidung von fehlenden Seiten und Druckgerät mit dem Blattstapler

Title (fr)
Empileur de feuilles pour éviter de feuilles absents et appareil d'impression avec l'empileur de feuilles

Publication
EP 0859289 A2 19980819 (EN)

Application
EP 97307961 A 19971007

Priority
JP 3050597 A 19970214

Abstract (en)
A sheet stacker prevents a sheet remaining in a reversing path from falling inside the sheet stacker when an initializing operation is performed. The sheet stacker is used with a printer (11) ejecting a sheet having a printed surface. A sheet reversing mechanism (51) reverses the sheet by switching the sheet ejected from the printer (11) from a first side to a second side. The sheet is stacked on a table (52) with the printed surface facing downwardly. In the sheet reversing mechanism, a receiving path (62) receives the sheet ejected from the printer (11). A reversing path (63) is connected to the receiving path (62), and an ejecting path (64) guides the sheet ejected from the reversing path (63) to the table (52). The sheet stacker is further provided with a sheet purge table (54) and a sheet purge path (53) provided between a lower end of the reversing path (63) and the sheet purge table (54). A sheet remaining inside the sheet reversing mechanism is ejected onto the sheet purge table (54) through the sheet purge path (53) by an initializing operation performed after recovery from an abnormality of the printer (11). <IMAGE>

IPC 1-7
G03G 15/00

IPC 8 full level
B65H 15/00 (2006.01); **B65H 29/58** (2006.01); **B65H 29/60** (2006.01); **B65H 31/30** (2006.01); **G03G 15/00** (2006.01)

CPC (source: EP US)
B65H 15/004 (2020.08 - EP US); **B65H 29/60** (2013.01 - EP); **G03G 15/6552** (2013.01 - EP US); **G03G 15/6573** (2013.01 - EP); B65H 2301/33312 (2013.01 - EP); B65H 2511/52 (2013.01 - EP); G03G 2215/00548 (2013.01 - EP); G03G 2215/00552 (2013.01 - EP)

Cited by
US9969592B2; US9682836B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0859289 A2 19980819; **EP 0859289 A3 19981014**; JP H10226448 A 19980825

DOCDB simple family (application)
EP 97307961 A 19971007; JP 3050597 A 19970214