

Title (en)
Apparatus for the separation of documents

Title (de)
Vorrichtung zum Vereinzeln von Druckträgern

Title (fr)
Appareil pour la séparation de documents

Publication
EP 0978466 B1 20040218 (DE)

Application
EP 99250259 A 19990730

Priority
DE 19836235 A 19980805

Abstract (en)
[origin: EP0978466A2] An arrangement for separating out printed material, e.g. letters, which is arranged in a stack between a sprung pressing member and a drive roller, comprises rollers which extend through openings in a guide plate. A pre-separation area has a combination of drive rollers (3,4) with different frictional values. A second separation area has separation elements and a sensor for determining the printed material. The sensor is electrically connected to a drive.

IPC 1-7
B65H 3/06; **B65H 3/60**; **B65H 7/18**

IPC 8 full level
B65H 3/06 (2006.01); **B65H 3/60** (2006.01); **B65H 7/18** (2006.01); **G07B 17/00** (2006.01)

CPC (source: EP US)
B65H 3/0676 (2013.01 - EP US); **B65H 3/60** (2013.01 - EP US); **B65H 7/18** (2013.01 - EP US); **G07B 17/00661** (2013.01 - EP US); **B65H 2301/321** (2013.01 - EP US); **B65H 2511/414** (2013.01 - EP US); **B65H 2511/514** (2013.01 - EP US); **B65H 2513/40** (2013.01 - EP US); **B65H 2513/512** (2013.01 - EP US); **B65H 2701/1311** (2013.01 - EP US); **B65H 2701/1313** (2013.01 - EP US); **G07B 17/00467** (2013.01 - EP US); **G07B 2017/00685** (2013.01 - EP US)

Cited by
EP1832537A1; US7694957B2

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0978466 A2 20000209; **EP 0978466 A3 20001213**; **EP 0978466 B1 20040218**; DE 19836235 A1 20000210; DE 19836235 C2 20010419; DE 59908558 D1 20040325; US 6241235 B1 20010605

DOCDB simple family (application)
EP 99250259 A 19990730; DE 19836235 A 19980805; DE 59908558 T 19990730; US 36864599 A 19990805