

Title (en)
DEVICE AND PROCESS FOR MEASURING THE RIGIDITY OF FLAT MAIL

Title (de)
VORRICHTUNG UND VERFAHREN ZUR STEIFIGKEITSMESSUNG VON FLACHEN SENDUNGEN

Title (fr)
DISPOSITIF ET PROCEDE POUR MESURER LA RIGIDITE DE COLIS PLATS

Publication
EP 0975441 B1 20040310 (DE)

Application
EP 96945363 A 19961220

Priority
• DE 19600231 A 19960105
• EP 9605762 W 19961220

Abstract (en)
[origin: DE19600231A1] A thickness sensor (4) is provided in the region of a straight section (12) of the conveying route of the mail, and a rigidity sensor (3) is provided in the region of a curved section (11) and can be used to measure the deflection of flexible conveyor belts (2). An evaluation device (15) determines the rigidity of the passing mail from the values of the thickness sensor and the rigidity sensor (4, 3).

IPC 1-7
B07C 1/16

IPC 8 full level
G01B 11/06 (2006.01); **B07C 1/16** (2006.01); **B65H 7/00** (2006.01); **G01B 17/02** (2006.01); **G01B 21/08** (2006.01)

CPC (source: EP US)
B07C 1/16 (2013.01 - EP US)

Designated contracting state (EPC)
BE DE FR GB IT

DOCDB simple family (publication)
DE 19600231 A1 19970717; DE 19600231 C2 19980219; DE 59610934 D1 20040415; EP 0975441 A1 20000202; EP 0975441 B1 20040310; JP 2000502609 A 20000307; JP 3923084 B2 20070530; US 6032517 A 20000307; WO 9725162 A1 19970717

DOCDB simple family (application)
DE 19600231 A 19960105; DE 59610934 T 19961220; EP 9605762 W 19961220; EP 96945363 A 19961220; JP 52479897 A 19961220; US 6629098 A 19980501