

Title (en)
Printed matter transport device

Title (de)
Transportvorrichtung für Schriftgut

Title (fr)
Dispositif de transport de document

Publication
EP 1081078 B1 20040414 (EN)

Application
EP 00810105 A 20000208

Priority
JP 24393699 A 19990830

Abstract (en)
[origin: EP1081078A2] In a printed matter transport device wherein a printed matter is gripped by a gripping mechanism of a chain and made to travel along a guide rail, to improve the durability of the guide rail and chain, to prevent misalignment, falling out and damage when an external force acts on the printed matter, to improve durability of a connecting part of a chain link (base) and the gripping mechanism, to reduce manufacturing costs, and to enable the printed matter to be firmly gripped. A chain with grips comprising first rollers respectively arranged on two sides in the center of the longitudinal direction of the bases, a second roller on one side perpendicular to the common center line of the first rollers and a grip mechanism on the opposite side, a guide rail, a chain drive means and a cam member, a guide rail, a chain drive means and a cam member are provided. <IMAGE>

IPC 1-7
B65H 29/04

IPC 8 full level
B65H 29/04 (2006.01)

CPC (source: EP)
B65H 29/003 (2013.01); **B65H 2405/552** (2013.01); **B65H 2405/581** (2013.01)

Cited by
EP1247767A1; EP4079669A1; IT202100009782A1; EP1557387A1; AU2004237815B2; CH704274A1; US9033140B2; US6662936B2; WO2017109042A1

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

DOCDB simple family (publication)
EP 1081078 A2 20010307; EP 1081078 A3 20020619; EP 1081078 B1 20040414; AT E264258 T1 20040415; DE 60009816 D1 20040519; DE 60009816 T2 20050421; JP 2001063888 A 20010313; JP 3046308 B1 20000529

DOCDB simple family (application)
EP 00810105 A 20000208; AT 00810105 T 20000208; DE 60009816 T 20000208; JP 24393699 A 19990830