

Title (en)
SHEET CONVEYOR AND PRINTING MACHINE

Title (de)
BOGENFÖRDERER UND DRUCKMASCHINE

Title (fr)
CONVOYEUR DE FEUILLE ET MACHINE D'IMPRESSION

Publication
EP 2189406 A1 20100526 (EN)

Application
EP 08702935 A 20080108

Priority
• JP 2008050055 W 20080108
• JP 2007244382 A 20070920

Abstract (en)
To reduce noise by suppressing oscillation occurring when an endless chain is rotated. In a chain gripper 12 that includes a sandwiching mechanism that sandwiches or releases a sheet, an endless chain 121 with no ends that supports the sandwiching mechanism, and a chain guide 123 that guides the endless chain 121 along a predetermined rotational orbit, the chain guide 123 includes a groove 124 that is provided to a fixed frame F as a depression and forms a rotational orbit, an inner guiding member 125a that is attached to the frame F while housing part of the endless chain 121 in the groove 124, and supports the inner side of the rotational orbit of the endless chain 121, and an outer guiding member 125b that is attached to the frame F while housing part of the endless chain 121 in the groove 124, and supports the outer side of the rotational orbit of the endless chain 121.

IPC 8 full level
B65H 29/04 (2006.01); **B41F 21/08** (2006.01); **B65H 5/02** (2006.01); **B65H 5/08** (2006.01)

CPC (source: EP)
B41F 21/08 (2013.01); **B65H 5/085** (2013.01); **B65H 2404/342** (2013.01)

Citation (search report)
See references of WO 2009037865A1

Cited by
US11982967B2; JP2020502016A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2189406 A1 20100526; JP 2009073630 A 20090409; WO 2009037865 A1 20090326

DOCDB simple family (application)
EP 08702935 A 20080108; JP 2007244382 A 20070920; JP 2008050055 W 20080108