

Title (en)

SYSTEM TO TRANSFER A TEMPLATE TRANSFER BODY BETWEEN A MOTION STAGE AND A DOCKING PLATE

Title (de)

SYSTEM ZUM TRANSFER EINES VORLAGENTRANSFERKÖRPERS ZWISCHEN EINER BEWEGUNGSBÜHNE UND EINER ANDOCKPLATTE

Title (fr)

SYSTEME POUR TRANSFERER UN CORPS DE TRANSFERT DE GABARIT ENTRE UN ETAGE MOBILE ET UNE PLAQUE D'ASSEMBLAGE

Publication

EP 1934669 A4 20091216 (EN)

Application

EP 06786500 A 20060706

Priority

- US 2006026366 W 20060706
- US 21176605 A 20050825
- US 21176305 A 20050825
- US 21178505 A 20050825

Abstract (en)

[origin: WO2007024345A2] The present invention is directed towards an imprint lithography system including, inter alia, a docking plate; a motion stage having a range of motion associated therewith, the range of motion having a periphery spaced-apart from the docking plate a first distance; and a body, having first and second opposed sides spaced-apart a second distance, selectively coupled between the docking plate and the motion stage, the first distance being greater than the second distance to minimize a probability of a collision between the docking plate, the motion stage and the body while transferring the body between the docking plate and the motion stage.

IPC 8 full level

G03F 7/00 (2006.01)

CPC (source: EP)

B82Y 10/00 (2013.01); **B82Y 40/00** (2013.01); **G03F 7/0002** (2013.01)

Citation (search report)

- [X] EP 1500980 A1 20050126 - ASML NETHERLANDS BV [NL]
- [X] US 6842221 B1 20050111 - SHIRAISHI NAOMASA [JP]
- [X] WO 2004103666 A2 20041202 - MOLECULAR IMPRINTS INC [US]
- See references of WO 2007024345A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007024345 A2 20070301; **WO 2007024345 A3 20090430**; EP 1934669 A2 20080625; EP 1934669 A4 20091216; TW 200714439 A 20070416; TW I309198 B 20090501

DOCDB simple family (application)

US 2006026366 W 20060706; EP 06786500 A 20060706; TW 95125846 A 20060714