

Title (en)  
RECIPROCATING DEVICE WITH OSCILLATING ARM

Title (de)  
CHANGIERVORRICHTUNG MIT SCHWENKHEBEL

Title (fr)  
DISPOSITIF DE VA-ET-VIENT A BRAS OSCILLANT

Publication  
**EP 1901985 A2 20080326 (FR)**

Application  
**EP 06779037 A 20060710**

Priority  
• FR 2006050700 W 20060710  
• FR 0552138 A 20050711

Abstract (en)  
[origin: WO2007007004A2] The invention concerns an oscillating arm (5) having a length (L) suitable to provide it with high stiffness in its oscillation plane and a thickness (t) suitable for providing it with a low stiffness in a plane perpendicular to said oscillation plane, said arm (5) being mounted in combination with guide means (9), (10) configured to limit or prevent, in said perpendicular plane, deformations resulting from the low stiffness of the arm in said plane and to enable the alternating rotational movement of said arm between two angular positions.

IPC 8 full level  
**B65H 54/28** (2006.01)

CPC (source: EP)  
**B65H 54/2827** (2013.01); **B65H 2701/1742** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)  
See references of WO 2007007004A2

Cited by  
CN110654937A

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)  
**FR 2888226 A1 20070112; FR 2888226 B1 20071214**; AT E506312 T1 20110515; DE 602006021422 D1 20110601; EP 1901985 A2 20080326; EP 1901985 B1 20110420; WO 2007007004 A2 20070118; WO 2007007004 A3 20070726

DOCDB simple family (application)  
**FR 0552138 A 20050711**; AT 06779037 T 20060710; DE 602006021422 T 20060710; EP 06779037 A 20060710; FR 2006050700 W 20060710