

Title (en)

ARTICULATED LIMB FOR A ROBOT OR HAPTIC INTERFACE AND ROBOT AND HAPTIC INTERFACE COMPRISING AT LEAST ONE SUCH ARTICULATED LIMB

Title (de)

GELENKIGES GLIED FÜR EINEN ROBOTER ODER HAPTISCHE SCHNITTSTELLE UND ROBOTER SOWIE HAPTISCHE SCHNITTSTELLE MIT MINDESTENS EINEM SOLCHEN GELENKIGEN GLIED

Title (fr)

MEMBRE ARTICULÉ POUR ROBOT OU INTERFACE HAPTIQUE ET ROBOT ET INTERFACE HAPTIQUE COMPORTANT AU MOINS UN TEL MEMBRE ARTICULÉ

Publication

EP 2794198 A1 20141029 (FR)

Application

EP 12806456 A 20121219

Priority

- FR 1162047 A 20111220
- EP 2012076152 W 20121219

Abstract (en)

[origin: WO2013092714A1] Articulated limb comprising at least first (2) and second (4) rigid segments and an articulation (6) allowing the first and second segments to pivot one relative to the other about an axis of rotation (Y), said articulation (6) comprising fibres, in which limb each of the segments (2, 4) comprises a body (8.1, 8.2) and an end element (10.1, 10.2) which is arranged at one end of said body, the two end elements (10.1, 10.2) being held facing one another by said articulation (6), said end elements (10.1, 10.2) comprising tapering profiles with vertices facing one another, each of said end elements (10.1, 10.2) being produced prior to its being secured to the corresponding body (8.1, 8.2).

IPC 8 full level

B25J 17/00 (2006.01); **E05D 1/02** (2006.01); **F16C 11/12** (2006.01)

CPC (source: EP US)

B25J 17/00 (2013.01 - EP US); **E05D 1/00** (2013.01 - EP US); **Y10S 901/28** (2013.01 - EP US); **Y10T 29/49826** (2015.01 - EP US); **Y10T 74/20329** (2015.01 - EP US)

Citation (search report)

See references of WO 2013092714A1

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FR 2984204 A1 20130621; EP 2794198 A1 20141029; US 2014366675 A1 20141218; US 9636828 B2 20170502; WO 2013092714 A1 20130627

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