

Title (en)  
EXOSUIT

Title (de)  
EXOANZUG

Title (fr)  
EXOSQUELETTE

Publication  
**EP 3334572 A1 20180620 (EN)**

Application  
**EP 16835544 A 20160811**

Priority  
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Abstract (en)  
[origin: WO2017026943A1] An exosuit for facilitating movement of a limb comprising an upper segment and a lower segment pivotally connected via a joint, the exosuit comprising: a soft frame configured to be worn by a user over the limb; an actuator attached to the soft frame, the actuator comprising a spool rotatable in a first direction and in a second direction, the spool connected to a shaft of a motor configured to rotate the spool; a first cable having a part of the first cable wound about a first portion of the spool, the first cable extending from the spool along the soft frame, the first cable terminating at a front of the lower segment to cause flexion of the limb when the first cable is wound onto the spool during rotation of the spool in the first direction; a second cable having a part of the second cable wound about a second portion of the spool, the second cable extending from the spool along the soft frame, the second cable terminating at a back of the lower segment to cause extension of the limb when the second cable is wound onto the spool during rotation of the spool in the second direction.

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