

Title (en)
ROTARY PUSH-PULL ROPE WINDER AND SHOES

Title (de)
ROTIERENDE ZUG-DRUCK-SEILAUFROLLER UND SCHUHE

Title (fr)
ENROULEUR DE CÂBLE ROTATIF À POUSSÉE-TRACTION ET CHAUSSURES

Publication
EP 4144250 A1 20230308 (EN)

Application
EP 22706723 A 20220217

Priority
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Abstract (en)
A rotary push-pull rope retractor includes a top cover, a follower, a seat, a control member and a base. The seat is fixedly installed on the base. An upper surface of the seat is provided with an elastic member and a pawl connected with the elastic member. The follower includes a ratchet and a rope bin. The pawl is located on one side of the ratchet and engaged with the ratchet. The control member is slidably arranged on the upper surface of the seat, and the control member can push the pawl to move away from the ratchet and compress the elastic member to separate the pawl from the ratchet, so as to switch the meshing mode or the free mode of the rotary push-pull rope retractor. The top cover is arranged above the seat, and the top cover and the follower are connected in linkage. The user can control the meshing mode of the ratchet and the pawl through the control member and can easily realize the rope tightening and loosening by rotating the top cover, which is convenient and fast.

IPC 8 full level
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