

Title (en)  
ASSIST DEVICE FOR MOVABLE BODY

Title (de)  
HILFSVORRICHTUNG FÜR EINEN BEWEGLICHEN KÖRPER

Title (fr)  
DISPOSITIF D'ASSISTANCE POUR CORPS MOBILE

Publication  
**EP 2455571 A1 20120523 (EN)**

Application  
**EP 10799793 A 20100709**

Priority  
• JP 2010061714 W 20100709  
• JP 2009168474 A 20090717

Abstract (en)  
A forcible moving mechanism includes a first urging body to apply an urging force toward a drawn-in position to a latch body in a standby position. A striker body is captured at a prescribed position by the latch body held in the standby position, and a movable body is moved up to a position at end of movement by relative movement of the latch body to the drawn-in position by release of the hold on the occasion of the capture. A damping mechanism includes a contact part to contact with the latch body constituting the forcible moving mechanism and a second urging body to urge the contact part in an advancing direction. The damping mechanism is constituted so as to apply a resistance to a retraction of the contact part accompanying the movement of the latch body to the drawn-in position.

IPC 8 full level  
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CPC (source: EP)  
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Cited by  
IT202100016376A1; ITTV20130072A1; RU2673508C2; US10246923B2; US9752367B2; EP2601368A1; US10392848B2; US11447997B2; WO2014180729A1

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