

Title (en)  
HINGE SENSOR FOR BARRIER

Title (de)  
SCHARNIERSENSOR FÜR BARRIERE

Title (fr)  
CAPTEUR DE CHARNIÈRE POUR UNE BARRIÈRE

Publication  
**EP 3286394 A1 20180228 (EN)**

Application  
**EP 16783599 A 20160411**

Priority  
• US 201514693583 A 20150422  
• US 2016026952 W 20160411

Abstract (en)  
[origin: WO2016171943A1] Methods and systems are described for determining operation of an openable barrier and direction of movement of a person through an opening controlled by the barrier. A method includes detecting with a hinge sensor a closed position for the barrier, the hinge sensor being mounted to a hinge of the barrier, determining with the hinge sensor when the barrier changes position from the closed position to an open position, detecting with at least one motion sensor motion of an object in proximity to the opening, and determining a direction of movement of the object through the opening based on whether the motion is detected before or after detecting the change in position of the barrier.

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