

Abstract

In this elevator door device, a landing stage door (1) and a cage door (27) are provided. On door opening, immediately after the cage door (27) having a drive force has been moved in the door opening direction from the door closed position, the cage door (27) is engaged, through an engagement mechanism (28) with the landing stage door (10) and both are moved in the door opening direction. During door closure, in a condition in which the cage door (27) and the landing stage door (10) are engaged, they are moved integrally in the door closure direction. Immediately prior to reaching the door closure position, this engagement is released. Transmission of drive force from the cage door (27) to the landing stage door (10) is thereby interrupted. A toggle spring mechanism (14) is provided whereby, during door closure, as the cage door (27) and the landing stage door (10) approach the door closed position, immediately prior to the engagement of the cage door (27) and the landing stage door (10) being released, the toggle spring mechanism engages with the landing stage door (10) and the landing stage door (10) is resiliently pressed in the door closure direction.