

**CLUTCH FOR COUPLING A CAR DOOR OF AN ELEVATOR CAR  
WITH A LANDING DOOR OF AN ELEVATOR SYSTEM**

**Abstract**

The clutch (10) is designed for coupling a car door of an elevator car with a landing door  
5 of an elevator system, wherein the car door is movable with respect to the elevator car by  
means of a first actuator. The clutch (10) comprises at least one coupling element (20)  
and a second actuator. The coupling element is movable with respect to the car door  
between a first position and a second position by means of the second actuator such that  
the coupling element (20) engages with the landing door when the elevator car is within a  
10 landing zone and the coupling element is moved towards the second position, thereby  
establishing the coupling of the car door with the landing door. The second actuator is a  
linear motor (40).

(Fig. 2)