

Abstract

Drive System for Hermetic Applications and Device having such Drive System

5 The present invention relates to a drive system (2, 2a, 2b, 2c) for providing a driving force and/or motion, comprising a partition wall (12); a drive device (14) positioned on a first side (18) of said partition wall (12), wherein said drive device (14) comprises at least one first member (20)
10 positioned on said first side (18) of said partition wall (12); an actuator (16) for actuating said drive device (14), wherein said actuator (16) is positioned on a second side (22) of said partition wall (12) so that the partition wall (12) is between said drive device (14) and said actuator (16), and
15 wherein said actuator (16) comprises at least one second member (24) positioned on said second side (22) of said partition wall (12); wherein said second member (24) of said actuator (16) is magnetically coupled to said first member (20) of said drive device (14), so that movement of said
20 second member (24) causes movement of said first member (20), and to a device (1) comprising a drive system (2, 2a, 2b, 2c).

Fig. 1