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(57) Abstract :

The present disclosure pertains to an assembly (100) to open and close a rolling door. The assembly (100) comprises a gearbox (102), a long member (104) rotatably configured with the gearbox (102). The long member (104) rotates in any of first direction and second direction upon moving a detachable handle attached to the gearbox (102), and consequently, the rolling door moves up and down. The assembly (100) includes an electric motor (118) which rotates the long member (104) automatically with an arrangement of a first gear (110) and the second gear (112). The electric motor (118) is controlled with any of an actuation unit (202) and a remote control. The assembly (100) facilitates in opening and closing the rolling door automatically, and in case of any of the power failure and breakdown of the motor, the rolling door is operated manually with the handle.

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