

Title (en)
DRIVE SYSTEM

Title (de)
ANTRIEBSVORRICHTUNG

Title (fr)
SYSTEME D'ENTRAINEMENT

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Application
EP 01901306 A 20010124

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Abstract (en)
[origin: WO0155548A1] A drive system for a roller door comprises a motor; an output shaft from the motor; and a drive flange drivably connected to the output shaft and adapted to be mounted within the barrel of the roller door in driving engagement therewith. The drive assembly further comprises a braking surface mounted for rotation with the output shaft of the motor and auxiliary drive means for driving the output shaft of the motor, comprising a friction disc having a first frictional contact surface selectively engageable with the braking surface mounted for rotation with the motor output shaft and a second frictional contact surface, and an electromagnetic brake assembly including a contact pad for contacting the second frictional contact surface of the override drive means, which contact pad is movable between a release position when electrical energy is being supplied to the motor and to the electromagnetic brake assembly and a braking position when the supply of electrical energy to the motor and to the electromagnetic brake assembly is interrupted. When the supply of electrical energy to the motor and to the electromagnetic brake assembly is interrupted, the first frictional contact surface is engaged with the braking surface and the second frictional contact surface is engaged with the second contact surface of the auxiliary drive means.

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