

Title (en)

DRIVE MECHANISM FOR A SOAP OR FOAM DISPENSER

Title (de)

ANTRIEBSMECHANISMUS FÜR EINEN SEIFEN- ODER SCHAUMSPENDER

Title (fr)

MECANISME D'ENTRAINEMENT POUR UN DISTRIBUTEUR DE SAVON OU DE MOUSSE

Publication

EP 1255481 B1 20070411 (DE)

Application

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Priority

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Abstract (en)

[origin: WO0152708A1] The invention relates to electrically driven soap and/or foam dispensers, which detect a hand for soaping, by means of a sensor, which switches off the drive using an electronic circuit, when the hand is withdrawn and/or is not in the correct position at the soap outlet. According to the invention, in order to avoid costly and energy demanding circuit arrangements, the drive for a piston (25) is achieved by means of a crank mechanism (9), which drives a piston rod (43) by means of a connecting link (15). Should it be determined that the drive is to be switched off, then the connecting link (15) is retracted by a solenoid (37), which releases the drive. The reset mechanisms provided in the soap or foam dispenser, drive the piston (25) back, such that the escape of soap or foam is stopped. The restarting of the drive is achieved by means of an automatic reengagement of a locking lever (17) which is spring-loaded.

IPC 8 full level

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