

Abstract

A dispenser for granules

A dispenser (100, 500, 900) for granules is disclosed herein. In a specific embodiment, the dispenser comprises a granular reservoir (1); a selector disk comprising (a) a feeder disk (2, 22, 52) comprising at least one protruding member (3, 23); and (b) a dispensing disk (8, 58) arranged to rotate in concert with the feeder disk (2, 22, 52). The dispensing disk further comprises at least one dispensing aperture (9) and a non-dispensing portion (103), the at least one dispensing aperture (9) being in registration with the at least one protruding member (3, 23). The dispenser (100, 500, 900) further comprises a holding disk (4, 94) comprising at least one through-hole (5) sandwiched between the feeder disk (2, 22, 52) and the dispensing disk (8, 58) and fixedly mounted with respect to the granular reservoir (1), wherein the selector disk is rotatable relative to the holding disk (4, 94) and the granular reservoir (1) between a first position in which the at least one protruding member (3, 23) is offset from the at least one through-hole (5) to allow a granule to be received from the granular reservoir and held within the at least one through-hole (5) by the non-dispensing portion (103) of the dispensing disk (8, 58) and a second position in which the at least one protruding member (3, 23) occludes the at least one through-hole (5) to allow the granule held in the at least one through-hole to dispense through the at least one dispensing aperture (9). Methods of dispensing granules using the dispenser (100, 500, 900) are also disclosed.

Fig. 1