Abstract

COUNTER FOR USE WITH A MEDICAMENT DISPENSER

There is provided a dose counter (1) for use with a medicament dispenser. The dose counter comprises a first count wheel (20) arranged to rotate about a first axis of rotation, the first count wheel including a set of primary drive teeth (24) arranged annularly thereon for drivable rotation of the first count wheel about the first axis of rotation; a second count wheel (30) arranged to rotate about the first axis of rotation, the second count wheel including a set of secondary drive teeth (34) arranged annularly thereon; and a kick wheel (40) arranged to rotate about a second axis of rotation offset from the first axis of rotation, the kick wheel including a set of kick teeth (44) arranged annularly thereon and in meshed relationship with the set of secondary drive teeth of the second count wheel such that rotary motion of the kick wheel results in rotary motion of the second count wheel. The first count wheel further includes a fixed index tooth (28) arranged for intermittent meshing with the kick teeth of the kick wheel such that rotary motion of the kick wheel results from rotary motion of the first count wheel only when the intermittent meshing occurs.

Figure 1.