

Abstract

Embodiments of the invention provide a self-sufficient sequential locking device and an injection molding tool. The self-sufficient sequential locking device comprises an elongate body having two ends which are provided with first and second inner engagement elements respectively; first and second outer engagement elements selectably engageable with the first and second inner engagement elements respectively for alternatively establishing a first or a second connection by rotation of the elongate body between a first position in which the first connection is secured and the second connection is simultaneously releasable, and a second position in which the second connection is secured and the first connection is simultaneously releasable, and first and second locking element respectively cooperable with the first and second inner engagement element for securing the first connection when the elongate body is in the first position or the second connection when the elongate body is in the second position.

(Figure 1)