

A DRUG DELIVERY SYSTEM

ABSTRACT

5 A drug delivery system is disclosed including: an oblong housing including a
setting structure to set a dose of a drug via an angular position; and a sensor
structure to determine the dose, including a magnet and a magnetic sensor,
arranged so that at least one of an angular position and a displacement of the
magnetic sensor relative to the magnet may be determined as a function of the
10 electrical resistance of the magnetic sensor. The sensor structure is arranged in
relation to the setting structure so that the angular position of the setting structure
is determined as a function of the angular position and/or the displacement of the
magnetic sensor. Further, a sensor structure is disclosed, including: a flexible foil,
including a magnetic sensor, in a cylindrical shape configuration comprising an
15 axis; and a magnet arranged at a line parallel to or collinear with the axis.

FIG. 1