a dose setting mechanism having a maximum dose limiting sleeve, is an extremely simple component, which does not require any special surface finishing, such as printing or the like, and which does not require complicated or precise assembly.

In particular, a dose setting mechanism for a drug delivery device is provided, comprising first maximum dose stop features on a first component part of the drug delivery device and corresponding second maximum dose stop features on a second component part of the drug delivery device, with the first and second maximum dose stop features being designed to limit a relative movement between the first and second component parts. Further, a maximum dose limiting device which is a maximum dose limiting sleeve is provided interposed on the first component part between the first and second maximum dose stop features and having mating features on a first end fitting to the first maximum dose stop features and replica stop features on a second end replicating the first maximum dose stop features.

Preferably, the maximum dose limiting device is a maximum dose limiting sleeve, comprising a tubular body with an essentially cylindrical cross-section having open ends on opposite sides in the tubular axis, with the mating features being provided on the one open end of the body fitting to the first maximum dose stop features of the drug delivery device, and with the replica stop features being provided on the other open end of the body replicating the first maximum dose stop features of the drug delivery device. Therein, the mating features define a position of the maximum dose limiting sleeve both in rotation and translation directions with respect to the drug delivery device, wherein the maximum dose limiting sleeve is designed with an interference fit to the diameter of the first component part of the drug delivery device.

The inner diameter of the maximum dose limiting sleeve may be designed with an interference fit to the outer diameter of the first component part of the drug delivery device. Moreover, the outer diameter of the maximum dose limiting sleeve may be the same as the outer diameter of the first maximum dose stop features of the drug delivery device. Alternatively, the outer diameter of the maximum dose limiting sleeve may be less as the outer diameter of the first maximum dose stop features of the drug delivery device, preferably between 80 % to 99% of the outer diameter of the first maximum dose stop features of the drug delivery device, particularly preferably between 90 % and