

Title (en)

MIXING AND METERING DEVICE AND METHOD FOR TWO COMPONENTS WHICH ARE LIQUID TO HIGHLY VISCOUS

Title (de)

MISCH- UND DOSIERVORRICHTUNG UND VERFAHREN FÜR ZWEI FLÜSSIGE BIS HOCHVISKOSE KOMPONENTEN

Title (fr)

DISPOSITIF MÉLANGEUR ET DOSEUR ET PROCÉDÉ POUR DEUX COMPOSANTS LIQUIDES À HAUTEMENT VISQUEUX

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Application

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Abstract (en)

[origin: WO2017190944A1] The invention relates to a mixing and metering device (1) for two components which are liquid to highly viscous, comprising a volumetric metering unit (7), a mixing head (20), and a drive (10). The metering unit (7) has a first connection (7.1) for a first component and a second connection (7.2) for a second component, and the mixing head (20) comprises a mixing chamber (22) which receives a rotor (24) and an outlet valve (30). The rotor (24) is releasably connected to a drive shaft (16) of the drive (10) via a mechanical interface. The invention also relates to a method for mixing and metering two components which are liquid to highly viscous using such a mixing and metering device (1). The mixing head (20) is designed as a disposable assembly and can be releasably connected to the metering unit (7) via a connection adapter (9).

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