

Title (en)

DEVICE FOR EMPTYING A CONTAINER OF VISCOUS FLUID

Title (de)

VORRICHTUNG ZUM ENTLEREEN EINES DICKFLÜSSIGEN FLÜSSIGKEITBEHÄLTERS

Title (fr)

DISPOSITIF PERMETTANT DE VIDANGER UN CONTENEUR DE FLUIDE VISQUEUX

Publication

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Application

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Abstract (en)

[origin: US6390149B1] Devices for emptying a container of viscous fluid in an ambient medium where there exists an atmosphere under pressure and a force of gravity. The device of the invention is essentially characterized by the fact that it comprises a receptacle 1 having a main volume 2 comprising top and bottom portions 3 and 4 and in which a separation wall 5 defines two secondary volumes 6 and 7, an orifice 8 made through the wall 5 to put the two secondary volumes 6 and 7 into communication, and opening out into the secondary volume 7 in the top portion 3 of the main volume, a pump 10 mounted to co-operate with the receptacle 1, its suction inlet 11 being in the volume 6 and its outlet 12 opening out to the outside 13 of the receptacle 1, a tube 14, and means 17 for mounting the tube 14 in association with the receptacle 1 so that its outlet opening 16 is situated in the secondary volume 7 and its inlet opening 15 lies outside the receptacle 1. The invention is particularly applicable to changing engine oil in motor vehicles, or the like.

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