

Title (en)
A safety medical transfer device

Title (de)
Sichere medizinische Übertragungsvorrichtung

Title (fr)
Dispositif de transfert médical de sécurité

Publication
EP 3067037 B1 20171004 (EN)

Application
EP 15158271 A 20150309

Priority
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Abstract (en)
[origin: EP3067037A1] The present invention relates to a medical transfer device (100) for transferring fluids from a vial (10) to another vessel, comprising a piercing device (30) having a main body (33) in a tubular shape, a lock member (36) having at least one flexible member (43), at least one arm (42) for attaching said lock member (36) into the main body (33), at least one protrusion (41) formed on the lock member (36) being guidable in a guiding channel (29) and a guiding window (21) provided at a connection portion (27) of a connector (20), a needle holder (31) having a needle (32) functioning as a first flow path through which a liquid can pass, a first barrier member (37) disposed in said lock member (36) made of an elastic material for opening and closing the first flow path, a connector (20) for attaching to the vial (10), comprising an inner portion having a lumen (99) which functions as a second flow path, at least one elevating member (28) has a portion of, at least partly, helix shape, and a second barrier member (47) disposed in the inner portion and is made of an elastic material for opening and closing the second flow path. Said medical transfer device (100) further comprises, an elevating member follower (35) disposed in the main body (33) for limiting movement of at least one flexible member (43) of the lock member (36) such that an axial movement of the piercing device with respect to the connector (20) is prevented, said elevating member follower (35) being rotatable around a longitudinal axis (A) of the piercing device (33) with respect to the connector (20) and guidable on the elevating member (28).

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