

PUNCTURE NEEDLE CONNECTOR AND CONNECTING TUBE

ABSTRACT

5 A puncture needle connector (1) includes an outer cylinder (11), an inner
cavity (1a) formed within the outer cylinder (11), an arm (15) provided at the outer
cylinder (11), the arm (15) being elastically deformable by bending, and a claw (16)
provided on the arm (15). The inner cavity (1a) is in communication with the
outside via a first opening (21) and a second opening (22). When a puncture needle
10 (210) is inserted into the inner cavity (1a) via a first opening (21), the claw (16)
engages with an engagement structure (217) provided integrally with the puncture
needle (210), a liquid-tight seal (25) is formed between an outer circumferential
surface of the puncture needle (210) and an inner circumferential surface of the
inner cavity (1a), and the puncture needle (210) and the second opening (22) are in
communication with the each other.

15

FIG. 10B