

LOCK MECHANISM, EQUIPMENT CONNECTOR, CONTAINER CONNECTOR,
AND CONNECTION EQUIPMENT

ABSTRACT OF THE DISCLOSURE

5 To provide a lock mechanism, an equipment connector, a
container connector, and a connection equipment that can
prevent releasing of engagement between an engaging
section and an engaged section caused by pulling while
improving the operability.

10 A lock mechanism 160a includes an engaged section 78 of a
container connector 20 and an engagement member 160 of an
equipment connector 100. The engagement member 160
includes an operating section 165, a fulcrum section 168
formed continuously from the operating section 165 and
15 configured to contact the container connector 20 in a
state in which the operating section 165 is pressed, an
engaging section 161 formed continuously from the fulcrum
section 168 and engaging with the engaged section 78,
a deformation section 166 formed continuously from the
20 engaging section 161 and configured to be bent to move the
engaging section 161 when the operating section 165 is
pressed, and a fixing section 169 formed continuously from
the deformation section 166 and fixed to the edge of a
hole 131.

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FIG. 3