

Abstract of the Disclosure (FIG. 1)

"BLOOD COMPONENT PRESERVATION CONTAINER
AND MULTI-LINKAGE CONTAINER SYSTEM"

A multi-linkage container system (1) includes a
5 blood collection bag (10), a blood platelet bag (20)
and a blood plasma bag (30). These bags are connected
together via pliable tubes. The blood collection bag
(10) for preserving erythrocyte is formed of a soft
polyvinyl chloride sheet containing a first plasticizer
10 and a second plasticizer. The first plasticizer is
exudative to the blood component in such a degree that
when it is singly mixed in an amount of 32% by weight
in a polyvinyl chloride sheet, and a predetermined
amount of a blood component is preserved at a
15 temperature of 4°C for 35 days in a blood component
preservation container constituted by the resultant
polyvinyl chloride sheet, 15 ppm by weight or more of
the added first plasticizer is eluted into the blood
component. The second plasticizer is capable of giving
20 an oxygen gas permeability to a polyvinyl chloride
sheet in such a degree that when the second plasticizer
is singly mixed in the polyvinyl chloride sheet in an
amount of 32% by weight, the oxygen gas permeability of
the resultant polyvinyl chloride sheet becomes not less
25 than 4.0 L/m²·mm·day·atm (30°C).