

TITLE OF INVENTION: PACKING MAT AND PACKING UNIT USING PACKING MAT

ABSTRACT

[Object] To avoid uneven distribution of cushion beads filled as a buffer layer.

[Solution Means] A packing mat includes an outer bag 1, an inner bag 2, and cushion beads 3. The outer bag 1 is an airtight bag, and has a check valve that opens when a suction force is applied when deaerating the inside of the outer bag, and after the deaeration, closes to block introduction of the outside air into the outer bag. The inner bag 2 is a stretchable air-permeable bag, and has junction points 5 at which the upper and lower sheet surfaces are joined integrally in minute ranges at regular intervals across the entire upper and lower sheet surfaces of the inner bag 2. The cushion beads 3 are granular bodies having shock-absorbing characteristics, and a fixed amount of the cushion beads are filled in the inner bag 2 and substantially confined in sections each of which connects several junction points 5. The inner bag 2 filled with the cushion beads 3 becomes a flat buffer layer with a substantially fixed thickness, and inserted in the outer bag 1.

[FIG. 1]