

PACKAGING BOX FOR COOLING

ABSTRACT

Provided is a folding packaging cooler box convertible from a box mode to an
5 unfolding mode or vice versa, comprising: a box portion having a bottom portion,
sidewall portions and joint portions configured to connect with one another and to form
a single plane in the unfolding mode; and a cooling reinforcing portion configured to be
inserted to the inside of the box and to form a hexahedron shape together with said box
portion when said box portion is converted into the box mode, wherein said cooling
10 reinforcing portion comprises a reinforcing bottom portion configured to form a lower
surface and to face the bottom portion of the said box portion upon conversion into the
box mode; reinforcing sidewall portions configured to connect with the said reinforcing
bottom portion and to face the sidewall portions of said box portion; and reinforcing joint
portions configured to join said reinforcing sidewall portions, to be folded to face itself
15 and to be in close contact with the reinforcing sidewall portions, upon conversion into the
box mode, and wherein said reinforcing bottom portion, said reinforcing sidewall portions
and reinforcing joint portions form a single plane in the unfolding mode.

Figure 10