

## ABSTRACT

5        A polymerization reactor of the present invention includes  
a container body 1 and a jacket 2 covering the outer surface  
of the container body 1 and defining a passage for passing a  
cooling/heating medium between itself and the outer surface  
of the container body. The container body 1 is made of a clad  
10 metal plate including a support metal layer 11a having an inner  
surface at an inner side of the container body and an outer  
surface at an outer side of the container body, and an inner  
corrosion-resistant metal skin layer 11b bonded to the inner  
surface of the support metal layer and being smaller in thickness  
15 than the support metal layer.