

## ABSTRACT

CONTINUOUS POLYMERIZATION APPARATUS AND  
PROCESS FOR PRODUCING POLYMER COMPOSITION

5       The present invention is directed to provide a novel  
continuous polymerization apparatus which is able to more  
efficiently produce a polymer composition suitable for  
obtaining a resin composition of high quality.

10       In a continuous polymerization apparatus, at least  
first and second reactors (10, 20) of a complete mixing  
type are used. Each of the reactors (10, 20) is provided  
with a supply port (11a, 21a) and an effluent port (11b,  
21b) which is located at a reactor's top; the supply port  
(11a) of the first reactor (10) is connected to a supply  
15       source (1, 3) of a raw material monomer and a  
polymerization initiator; and the effluent port (11b) of  
the first reactor (10) is connected to the supply port  
(21a) of the second reactor (20).

20       Figure 1