

[Designation of Document] Abstract

There are provided a method for imparting a high-durability function to a polymer formed article, which can efficiently impart various function-imparting agents to the polymer formed article, can decrease processing waste liquid as much as possible and recover the waste liquid and the function-imparting agents, can also reuse them as needed, and moreover, can impart the function-imparting agents to the polymer formed article by a continuous system, not by a batch system; and an apparatus thereof.

A method for imparting a function to a polymer formed article, which comprises spraying a supercritical fluid to the polymer formed article to firmly fix a function-imparting agent to the polymer formed article.