APPARATUS FOR AND METHOD OF DESIGNING FLUID CONTROL DEVICES

ABSTRACT OF THE DISCLOSURE

A designing apparatus comprises symbol mark memory means for storing fluid controllers usable in fluid control devices in terms of symbol marks representing the functions, fluid channels and contours of the controllers, and a flowchart preparing means for preparing a flowchart of a fluid control device represented by symbol marks. The flowchart preparing means successively selects controllers, such as valves and massflow controllers, from a symbol mark file in the memory means, arranges the selected controllers on a screen as suitably positioned, automatically selects a suitable coupling member for interconnecting adjacent two of the controllers from a coupling member data file and automatically arranges the controllers and the coupling members thus selected to prepare a flow chart.

(FIG. 4)