

## **ABSTRACT**

### **SYSTEM AND METHOD OF PUMPING WHILE REDUCING SECONDARY FLOW EFFECTS**

The impeller has a plurality of vanes 58, and has its performance improved by a passage 60 formed through one or more vanes of the plurality of vanes such that the dimension of the passage measured in a direction extending away from the vane base extends through at least twenty five per cent of the length of the vane.

Fig. 1