

ABSTRACT

[Technical Problem] A contactor is provided which is capable of making fluids of two phases contact each other under a good dispersion state and which can be easily multi-staged.

[Means for Solving the Problems] The inside of a contactor 1 is divided into a plurality of cells 22, 32 by partition walls (a vertical wall 10, horizontal walls 21, 31) and the respective cells 22, 32 become countercurrent contacting spaces of an upflow fluid flowing up in the contactor 1 and a downflow fluid flowing down in the contactor 1. A downflow fluid injection hole 52 provided in the vertical wall 10 of each stage makes the downflow fluid blocked by the partition wall and residing inject into the neighboring cells 22, 32 of a lower stage side, while an upflow fluid flow-in port 51 provided in an upper side of the injection hole 2 makes an upflow fluid from the cells 22, 32 of the lower stage side flow in.

[Representative Drawing] Fig. 6