

**Abstract:**

The present invention relates to a method of forming an ordered structure of nanoparticles or microparticles in a well (41) utilizing capillary action. We have discovered that it is possible to achieve capillary transport of particles also by means of uncovered capillary channels (42, 43) that abut on a controlled atmosphere and provided a method of forming an ordered structure of particles in a well (41) by bringing the particles into the well (41) through a capillary channel (42, 43) that is partly defined by a controlled atmosphere.

(FIG 4B)