

ABSTRACT

PICK-UP CHUCK WITH GAS BEARING STRUCTURE

- 5 A pick-up chuck for handling a substrate has a chuck body defining a support surface, a gas relay aperture for transmitting a gas, a vacuum aperture portion configured in use to generate a vacuum force to pick up the substrate, and a flow of said gas through the gas relay aperture onto the said support surface towards the vacuum aperture portion. A gas bearing structure arranged on said support surface is shaped to provide
- 10 a gas bearing between the substrate and said support surface by utilizing the flow of said gas between the gas relay aperture and the vacuum aperture portion.

[FIG. 1]