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(54) Title: BONDED OPTICAL DISKS AND A METHOD AND AN APPARATUS FOR PRODUCING THE SAME

(57) Abstract

A bonded optical disk comprising first and second transparent substrates bonded with a light-permeable, pressure sensitive adhesive layer and at least one information recording layer wherein the pressure sensitive adhesive layer has been formed from a pressure sensitive adhesive precursor, having a viscosity of 10 to 5000 cps and being applied onto at least one of the first substrate and the second substrate, by radiation curing and has a gel fraction of not less than 50 % and a storage modulus of 1.0 x 10^4 to 1.0 x 10^7 dyn/cm^2 at 25°C, or in place of the pressure sensitive adhesive layer, an adhesive layer derived from a radiation curable adhesive precursor having a viscosity of 500 to 10000 cps, and the adhesive precursor is subjected to a higher pressure than an atmospheric pressure, prior to being irradiated, as well as a method and an apparatus for producing a bonded optical disk.

