

PAD PRINTING APPARATUS FOR MAKING COLORED CONTACT LENSES

ABSTRACT

The invention provides a printing station for producing colored contact lenses with high quality color images. The printing station of the invention comprises: (a) a transport system (1) to carry and transport a molding tool (2) which comprises at least one contact lens forming mold; (b) a pad unit (4) comprising at least one pad; (c) a blade unit (5) suitable to carry and ink a cliché (9) with an ink; wherein when in use the pad transfers an inked image from the cliché to the contact lens forming mold; d) curing means to at least partially cure the inked image after it has been transferred to the mold; (d) cleaning means to clean the pad/s (7). The printing station is preferably integrated in a partially or fully automated contact lens production line.

Figure 1