

Abstract

Alignment of Singulated Workpieces

5 A workpiece support assembly for supporting and aligning a plurality of singulated
workpieces, comprises an assembly body and a plurality of support members mounted on
the assembly body which each support a workpiece in use, each support member
comprising: a base mounted on the assembly body, a head unit for supporting a workpiece
thereon, and an actuation mechanism for moving the head unit relative to the base, wherein
10 the actuation mechanism comprises a parallel kinematic system having at least three drive
units each directly acting on the head unit, such that the actuation mechanism is selectively
operative to move the head unit relative to the base to cause a translation of the head unit
parallel to a plane, a rotation of the head unit about an axis orthogonal to that plane, or a
combination of said translation and said rotation.

15 FIG. 2C