ABSTRACT

SINGULATION HANDLER SYSTEM FOR ELECTRONIC PACKAGES

A singulation handler system is provided for a strip of electronic packages, which comprises an onloader located adjacent to an onloading location for providing an unsingulated strip of packages for singulation and a cutting jig for mounting the strip of unsingulated packages. The cutting jig is movable between the onloading location and a singulation location at which the strip is singulated by a singulation engine. The system further includes a buffer boat for holding singulated packages that have been removed from the cutting jig and which is operative to convey the singulated packages in a fixed relative orientation. A gang pick head is operative to transfer multiple singulated packages simultaneously from the buffer boat to a rotary turret device and an offloader is provided for transferring singulated packages from the rotary turret device to containers in which the singulated packages are storable.

(FIG. 1)