

**ARTIFICIALLY INTELLIGENT HARVEST AND REUSE SYSTEM
FOR PLANTING VEGETABLES**

ABSTRACT OF THE DISCLOSURE

An artificially intelligent harvest and reuse system for planting
5 vegetables has a first mechanic arm (90) moving a plurality of planting plates
(200) around a first conveyor (20), a second conveyor (30), a first shelf (10F)
and a second shelf (10R). The planting plates (200) are sent to a connecting
conveyor (40) for the grown vegetables (230) thereon to be picked up by a
second mechanic arm (100) and further sent to a root cutting apparatus (50)
10 then to a packaging apparatus (60), while the empty planting plates (200) are
further sent to an exit end of the first conveyor (20) and a third mechanic arm
(110) places nursery foams (220) with sprouts (221) from a storage area (70)
onto the empty planting plates (200). Then the refilled planting plates (200)
are sent back to the corresponding shelf (14F), (14R) via the second
15 conveyor (30) and placed back into the corresponding layers (11) neatly by
the first mechanic arm (90) on a first distributing apparatus (80).

Fig. 12