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(54) Title: ROBOTIC SYSTEM AND METHOD FOR PICKING AND/OR SORTING OBJECTS

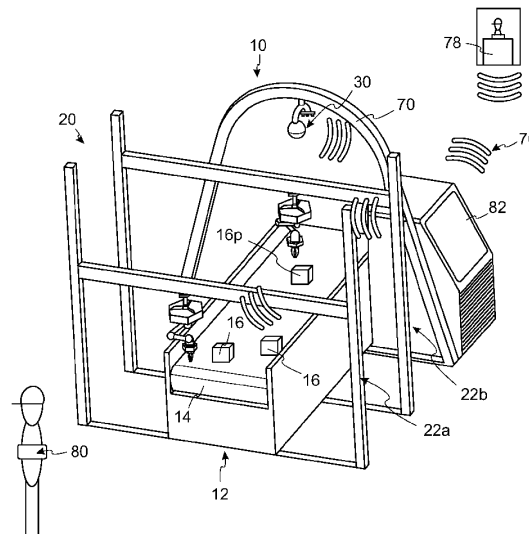


FIG. 1

(57) Abstract: A robotic system (10) for picking and/or sorting objects comprises a collaborative robotic picker arrangement (20) operatively associated with a conveyor (14) for conveying objects to be sorted. The robotic picker arrangement (20) comprises a plurality of robotic pickers (22a, 22b) each configured to pick up a selected one or more of said objects from the conveyor (14) and a processing system (24). The processing system (24) is configured to receive sensor data relating to the objects being conveyed by the conveyor (14) from a sensor arrangement (30) forming part of, coupled to or operatively associated with the robotic system (10) and determine whether any one of the objects being conveyed by the conveyor (14) corresponds to a predetermined class of objects to be picked and/or sorted by the robotic system (10), and output one or more command signals to the robotic picker arrangement (20) to position one of said robotic pickers (22a, 22b) relative to the conveyor (14) to permit the allocated robotic picker (22a, 22b) to pick up the selected

[Continued on next page]

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object to be picked and/or sorted from the conveyor (14).