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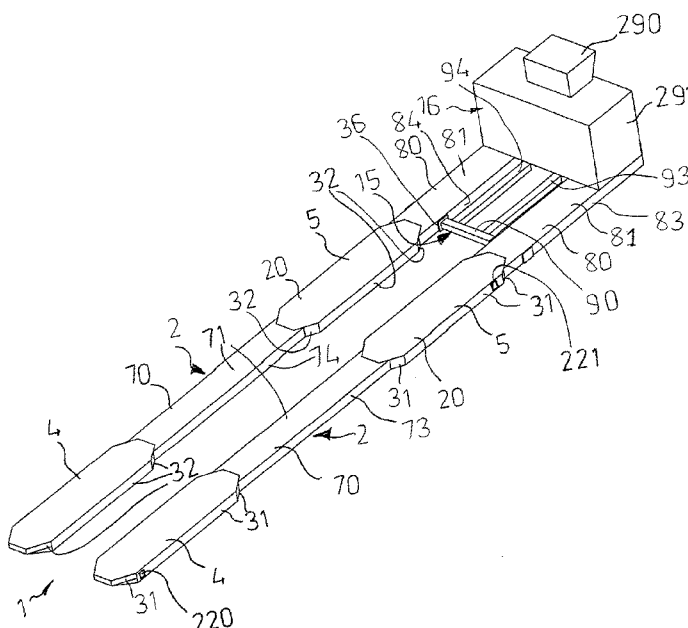
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(54) Title: A STEERABLE TRANSPORT TROLLEY



(57) Abstract: Low rise trolley (1) transports palletised cargo (12-18 metres in length and weighing in excess of 30 tonnes) to and from shipping containers. Spacing of trolley forks (2) from a container sidewall is maintained by sensors (220-221) incorporated in fork (2). If trolley (1) diverges from the preset spacing, an electronic control system activates small hydraulic rams (with 8mm stroke) angling (by $\pm 0.75^\circ$) rollers supporting forks (2) so as to steer the trolley to maintain the spacing. Scanning a reflector guard whose profile matches that of the (corrugated) container sidewall may input the pre-set spacing.



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