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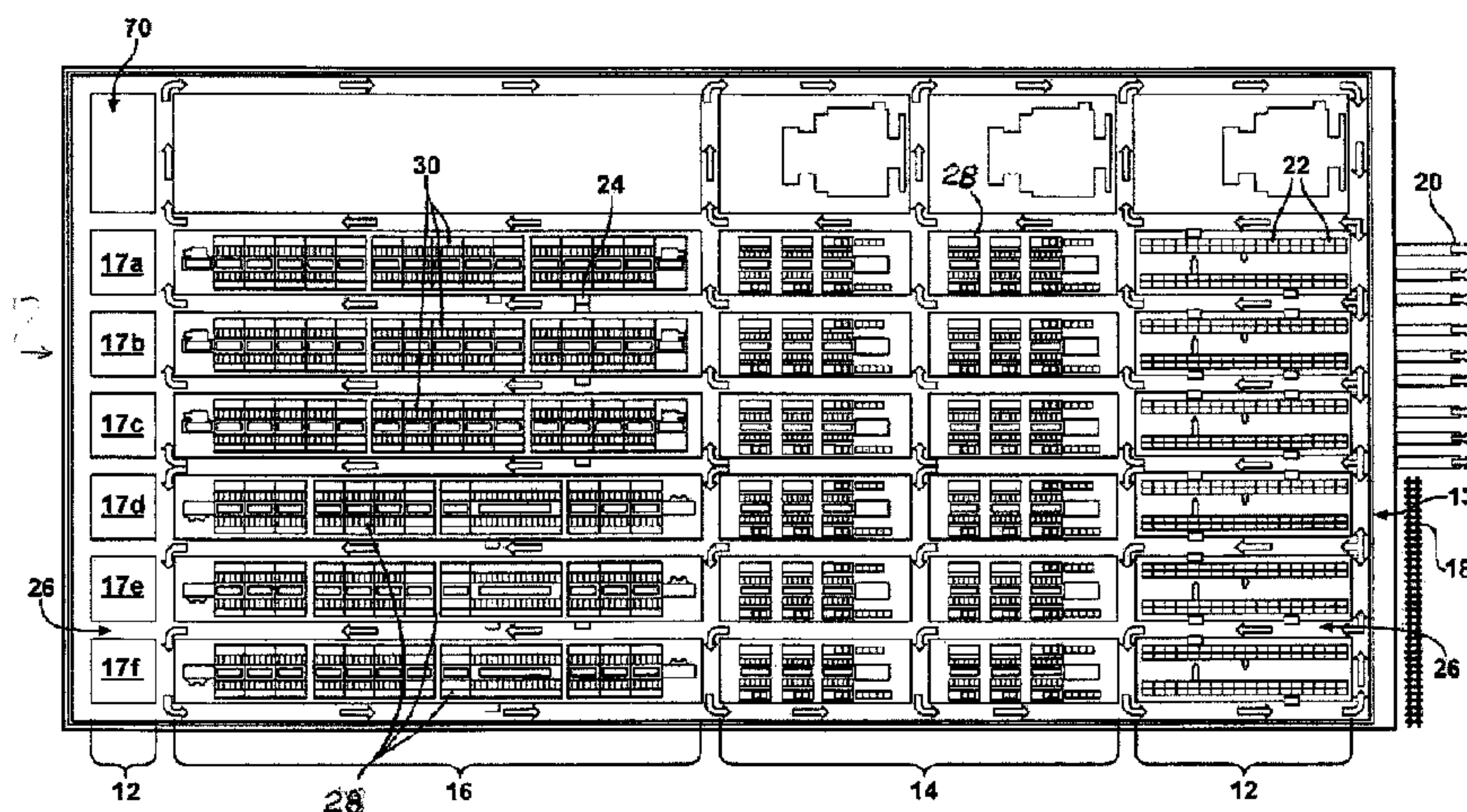
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(54) **Titre : ATELIER ROBOTISE DE REPARATION DE CARROSSERIE PAR SOUDAGE ET DE PEINTURE A UN RYTHME
SOUTENU**

(54) **Title: ROBOTIC HIGH DENSITY WELDING BODY SHOP**



(57) **Abrégé/Abstract:**

A method and apparatus for managing the delivery of component parts and tooling to a robotic welding assembly positioned on a motor vehicle body assembly line. Automatic guided vehicles deliver component parts from a source of parts to a parts staging area on the robotic welding assembly including a substage awaiting area, a substage in-use area and a substage empty area, and further automatic guided vehicles deliver tooling from a tooling management area to the robotic welding assembly whereafter the tooling, upon model changeover, is moved to a tooling use area proximate the assembly line whereafter, upon further model changeover, the tooling is removed from the tooling use area and loaded onto an automatic guided vehicle for return to the tooling management area.

