

Title (en)

CAR BODY ASSEMBLY AND WELDING STATION WITH RECIPROCAL GATE-SUPPORTING SYSTEM

Title (de)

KAROSSERIEBEARBEITUNG UND SCHWEISSSTATION MIT EINER GEGENSEITIGEN TÜRHALTEVORRICHTUNG

Title (fr)

POSTE D'ASSEMBLAGE ET DE SOUDURE D'UNE CARROSSERIE DE VEHICULE, DOTE D'UN SYSTEME DE SUPPORT DE PORTE A MOUVEMENT DE VA ET VIENT

Publication

EP 1030761 A4 20050202 (EN)

Application

EP 98958496 A 19981111

Priority

- US 9823795 W 19981111
- US 6511497 P 19971112
- US 7690198 P 19980305

Abstract (en)

[origin: WO9924215A1] A vehicle body welding system includes a work station (10) for welding components of a preassembled body (12) with respect to one another. The body (12) is moveable along a fixed path (14) of travel through the work station (10). At least two moveable pillars (18) are located on each side of the fixed path (14) of travel through the work station (10) for synchronized reciprocation between first and second end limits of travel toward and away from the fixed path (14) of travel of the body (12). At least one gate (44) is connectible in a repeatable located position with respect to the moveable pillars (18) on each side of the fixed path (14) for synchronized reciprocation between first and second positions toward and away from the fixed path (14) of travel of the body (12). Locating members (48) are engageable between each pillar (18) and the corresponding gate (44) for locating the gate (44) with respect to the moveable pillar (18) in at least two dimensions.

IPC 1-7

B23K 37/04; **B62D 65/00**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 9924215A1

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