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New robot guided fixture concept for reconfigurable assembly systems

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Robot guided reconfiguration in the car body assembly

H. Trantin, I. Kovac, A. Frank, M. Szaniawski

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Long-Range (Strategic) Planning Issues in Reverse Logistics

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New challenges for manufacturing industry: Design of innovative products and productions systems  
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E-supply application - A Finnish case study

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Production requirements definition in a dynamic environment  
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Increasing utilisation of automotive body shops by flexibility optimization  
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Integrated Factory and Logistics Planning  
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Simulation Based Optimization of Work Piece Handling in Agile Manufacturing Systems  
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Workbench: A Tool for Reconfigurable and Agile Factory and Supply Chain Design  
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Methodology for Improving the Changeability of Order Processing  
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