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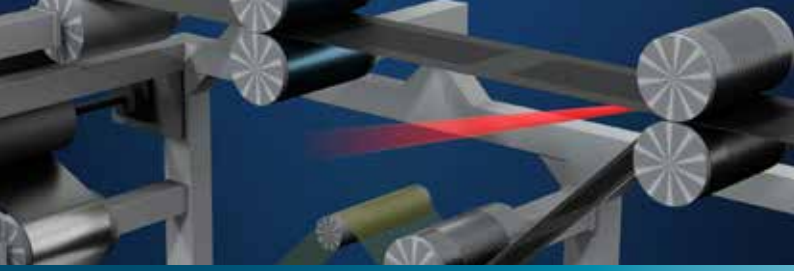
H2GO

Continuous Processes for Bipolar Plates



At a glance:

Continuous Strip Processes for Bipolar Plates:

- **Inline joining** by laser roll welding and adhesive joining
- **Roll-to-roll** coating in vacuum processes
- **Inline cutting** by high-speed laser cutting

As a subproject of the "H2GO National Action Plan for Fuel Cell Production", "HP2BPP" is developing technologies for the high-rate and flexible production of bipolar plates (BPP) for fuel cells. The researchers are investigating innovative processes for manufacturing and processing the BPP to optimize the manufacturing process. The developments include laser-based joining, adhesive joining, surface coating, cutting, and quality control to ensure the required production rates. The goal is to develop innovative processes for high-speed manufacturing of bipolar plates.

More information:

s.fhg.de/hp2bpp

Bundesministerium für Digitales und Verkehr

H2GO NATIONALER AKTIONSPLAN BRENNSTOFFZELLEN-PRODUKTION

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