

### High-level hydrogen purification

#### Innovative Products Around Technical Gases

ReiCat is the leading company for gas purification and gas recycling. With decades of experience behind us, we develop and produce equipment to efficiently remove all impurities from Hydrogen.

#### Your Application

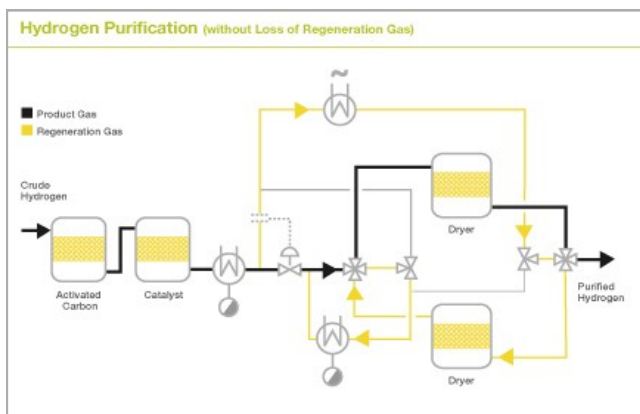
- Chlorine-alkali electrolysis
- Membrane electrolysis
- Water electrolysis
- Fuel cells
  - Annealing processes
  - Automotive industry
- Steel production
- Float glass production
- Steam reformer
- Hydrogenation

#### Our Solution

- Catalytic adsorptive hydrogen purification
- Safe and efficient production of high purity gas

#### Your Advantages

- Gas purity higher than 99.999%
- No losses
- Low power consumption
- Regeneration in a closed circuit possible
- No rotating parts
- Low running costs
- Low maintenance
- High availability
- Easy integration into your gas supply concept
- Short amortization period
- Long lifetime
- Optional application: Hydrogen recycling
- Compliance with the requirements of explosion protection according to ATEX
- Operation control by remote control possible



Simplified Diagram of Hydrogen Purification



Hydrogen Purification 10.000 Nm<sup>3</sup>/h - Bayer AG

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PLEASE FIND MORE INFORMATION UNDER:

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