



Storage Systems for mobile Applications

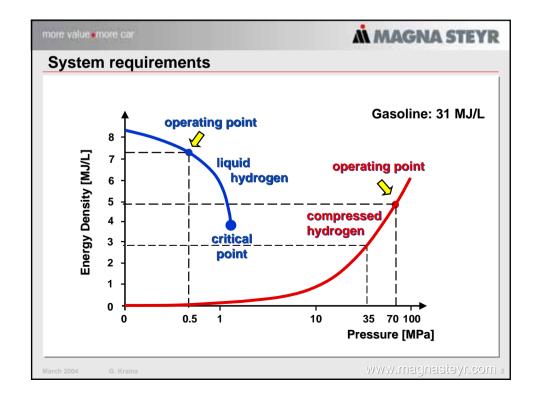
Dr. Günter Krainz
MAGNA STEYR Fahrzeugtechnik AG & Co KG

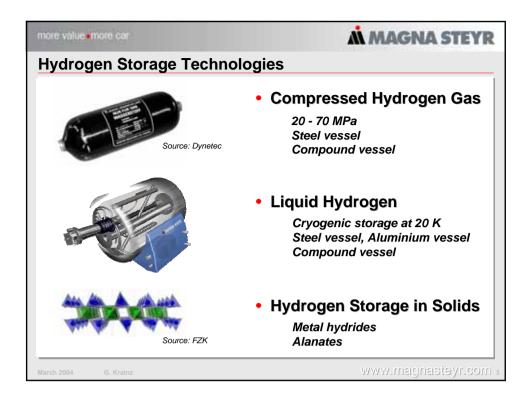
Hydrogen and Fuel Cell based Energy Systems in a Future sustainable Energy World 31.3. – 1.4.2004 Vienna

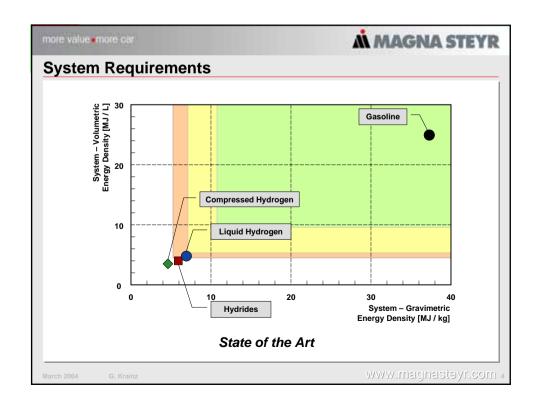
March 2004

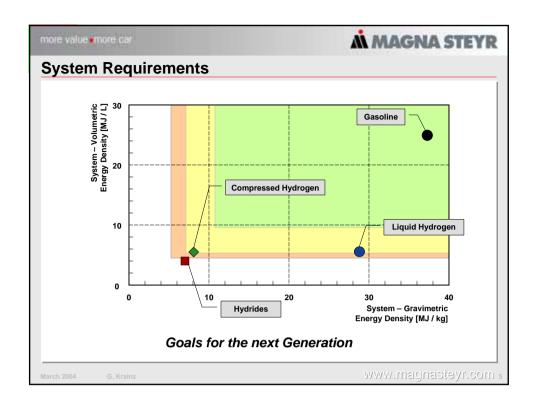
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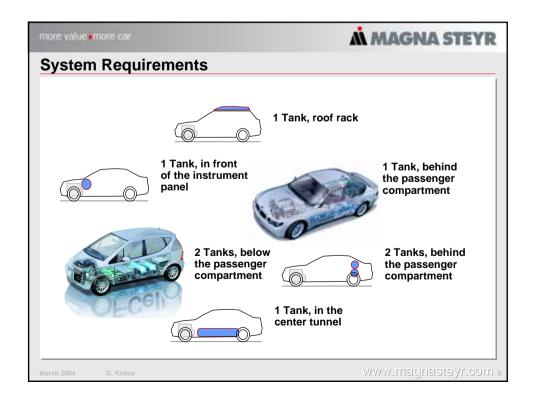
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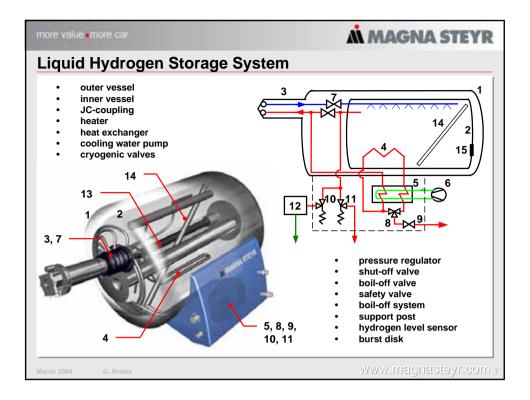












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Standards and Regulations

Designed in aspect to *EIHP* regulations (European Integrated Hydrogen Project)

Draft for Regulations, Revision 14

- Specific components for hydrogen vehicles
- Installation of specific components for using in vehicles with liquid hydrogen storage systems
- Inner tank burst test
- Thermal resistance in case of fire
- Thermal resistance regarding to durability Resistance against dry heat
- Refueling test (max. filling rate)
- Pressure test
- · Leakage test
- · Fatigue test

- Function test
- Resistance against corrosion
- Ozone test
- Temperature cycle test
- · Pressure cycle test
- · Hydrogen digestibility investigation



