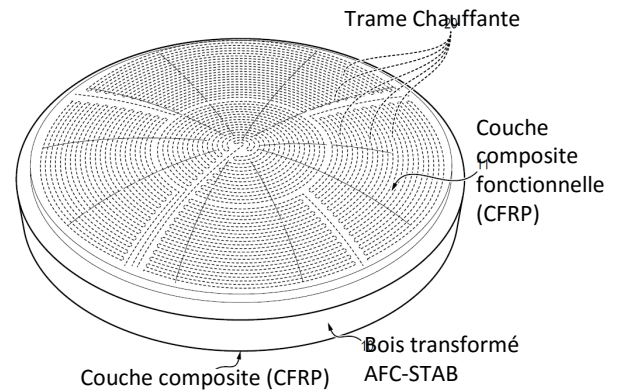




CONTROLLED MAJOR PROCESS

Mould for composite structures



Moule pour réflecteur d'antenne

Technological benefits

Reduced supply times and costs

Manufacturing of very high precision composite parts

Adapted to antenna reflectors

Hot mould for enhanced performance and gradually phase out autoclave

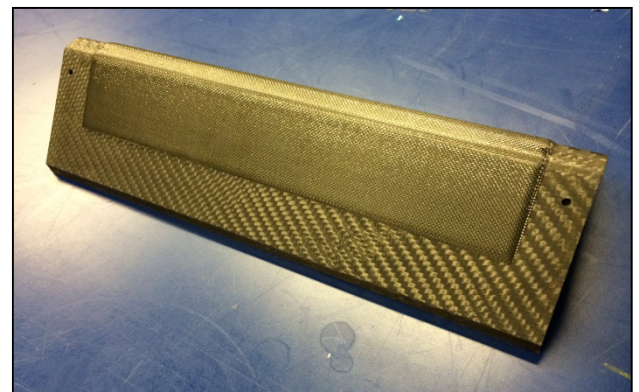
Flexible, modular, drives innovation

French Technology (ITAR-free)

Invention overview

Hot wooden and CFRP mould for very high precision composite parts:

- Wooden mould base
- CRFP composite layers for sealing and thermoelastic stability.
- Heat transfer system to reduce thermal inertia and enhance performance.
- Integrated 200°C electrical frame for high-precision curing.



Moule pour équerre composite

Commercial benefits

Reduction in mould manufacturing costs and times.

No ITAR issues

Potential applications

Manufacture parabolic antennas.

Manufacture of the launcher composite structure

Manufacture of composite parts in the Aeronautical field

Potential manufacture without autoclave

TRL : 8

Patented invention, available under license