



Aage Guss aus Aalen

Aalener Gesellschaft für Leichtbauteile

- Entwicklungsgießerei -

certified pursuant to EN ISO 9001:2015

certified pursuant to EN ISO 14001:2015

Combustion Catalysis

Handling: 07/28/2023 – 07/22/2024 Dr. Norbert Suedland, Aage GmbH

Do you know the difference between combustion catalysis and exhaust catalysis?

For this, we know a process of the following properties:

- Within the flame, the catalyst causes a significantly higher combustion temperature.
- For carbon containing combustibles, the exhaust almost only consists of H_2O and CO_2 .
- Also combustion of fuel oil and diesel produces *no* soot.
- There are hints, that the catalyst significantly reduces the nitrogen oxides.
- The process has already been described in antiquity.
- Just therefore, we did *not* register a patent for this.

Also you can get benefit from this:

- You need not pay protection fees for your application.
- More about this, you can learn after signing a confidentiality agreement.
- For contentional understanding, a training with costs can help.
- Concerning deep understanding of the expansion-capable Chemical Thermodynamics, we would like to organise an expert meeting for you.
- Problems with your concrete combustor lead to a common project.
- Since 2023, the land Baden-Wuerttemberg offers also for this a project sponsorship (Invest-BW) on further development of working (no longer only new) processes.

In case of questions, we would like to be at your disposal.

Aage GmbH

by proxy Dr. Norbert Suedland
Leader Quality Management and Research

Prof. Dr. Dr. h.c. Friedrich Klein
General Manager

**Aalener Gesellschaft fuer
Leichtbauteile mbH**
Domicile of the Association:
Schleiermacherstrasse 20,
73431 Aalen, GERMANY

Foundry and Office:
Roentgenstrasse 24, 73431 Aalen
Tel.: +49-(0)7361-490812-0
Fax: +49-(0)7361-4908118
Foundry: +49-(0)7361-490812-7
E-mail: mail@aage-leichtbauteile.de
Internet: www.aage-leichtbauteile.de

VR-Bank Ostalb eG
Account No.: 606 920 005
Bank code: 614 901 50
Intern. Bank Account No. (IBAN):
DE64 6149 0150 0606 9200 05
BIC (SWIFT-CODE):
GENODES1AAV

General Manager:
Prof. Dr. Dr. h.c. Friedrich Klein
Reg. court Ulm HRB 501 594
Legal venue: Aalen /Wuertt.
VAT number: DE 239 630 526
Tax number: 50466 / 16615
DUNS number: 55-141-8507