

ABSTRACT**METHOD AND DEVICE FOR COATING A CATALYST SUPPORT BODY WITH CATALYST-FREE OUTER SURFACE**

The invention relates to a method for coating a catalyst support body, which comprises: providing the catalyst support body as well as slurry located within a pan; introducing an open input end of the catalyst support body into the slurry; and, subsequently, directing an amount of the slurry through the input end and into the inside of the catalyst support body. At least a part of the circumference of the input end is covered with an impermeable sealing element while slurry is directed through the open end. In this way, contact between slurry and a circumferential outer surface of the catalyst support body is prevented and slurry is provided through the open end to an inner surface of the catalyst support body. Further, the invention relates to a loading platform for carrying out the method. The inventive assembly comprises a loading platform adapted for releasably holding a catalyst support body, and a cover mechanism having a sealing holder and a ring shaped sealing element attached to the sealing holder. The cover mechanism further comprises a first lifting mechanism connected to the sealing holder, wherein the first lifting mechanism provides a moving direction for the sealing holder along a longitudinal axis of the sealing element relative to the loading platform. In addition, the invention relates to a coating station comprising the loading platform. The coating station comprises a slurry pan and a second lifting mechanism providing a relative moving direction between the pan and the loading platform. The first lifting mechanism is synchronized with the second lifting mechanism by a synchronization device.

Figure 1b