

Title (en)  
METERING OVEN

Title (de)  
DOSIEROFEN

Title (fr)  
FOUR DE DOSAGE

Publication  
**EP 0946314 B1 20030625 (DE)**

Application  
**EP 97951076 A 19971110**

Priority  
• DE 9702663 W 19971110  
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Abstract (en)  
[origin: US6303073B1] The invention concerns a metering oven (1) with a vessel (12) for holding a liquid metal and with a device for detecting a liquid metal level in a vessel. A tubular probe (5) is connected to a gas source (10) for discharging a gas at a predetermined pressure from the gas source through the probe and out of its aperture. The probe is spatially associated in a fixed manner with the vessel such that pressures which can be detected by a pressure-measuring device (9) can be associated with different liquid metal levels inside the probe. At a given pressure threshold value, the pressure-measuring device can emit a signal for a given liquid metal level to be detected.

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**B22D 2/00**; **B22D 39/06**

IPC 8 full level  
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**B22D 2/003** (2013.01 - EP US); **B22D 39/06** (2013.01 - EP US)

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EP2283950A1; DE102009037368A1; EP3189913A1; WO2017118722A1

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