



New connection on: : 11-04-2018 : 01:39:13 - Last disconnection on: : 09-04-2018 : 19:40:10

V 4.0.0.44358(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#{D201802}) (RPM D201802)

Welcome to EPOQUE Rebuild under the Production Environment

[No database/cluster active] ..fiepodoc

 Database: EPODOC

[EPODOC: SS 1] mold 1w body

Results in EPODOC 8.174

[SS 2] hanger 1w recess

Results in EPODOC 18

[SS 3] mold 1w hanger

Results in EPODOC 55

[SS 4] light 1w collector

Results in EPODOC 1.806

[SS 5] light 1w sensor

Results in EPODOC 23.593

[SS 6] infrared 1w light

Results in EPODOC 28.078

[SS 7] pyrometer

Results in EPODOC 2.690

[SS 8] 1 and 2 and 3 and 5 and 6 and 7

Results in EPODOC 0

[SS 9] 7 and 3

Results in EPODOC 0

[SS 10] 1 and 6

Results in EPODOC 8

[SS 11] ..li



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PN - [MX2017007456](#) A 20170905

PR - US201414573847
20141217; WO2015US66309
20151217

AP - MX20170007456 20151217

DT - I

CCI - [C03B9/347](#) ; [C03B9/41](#)

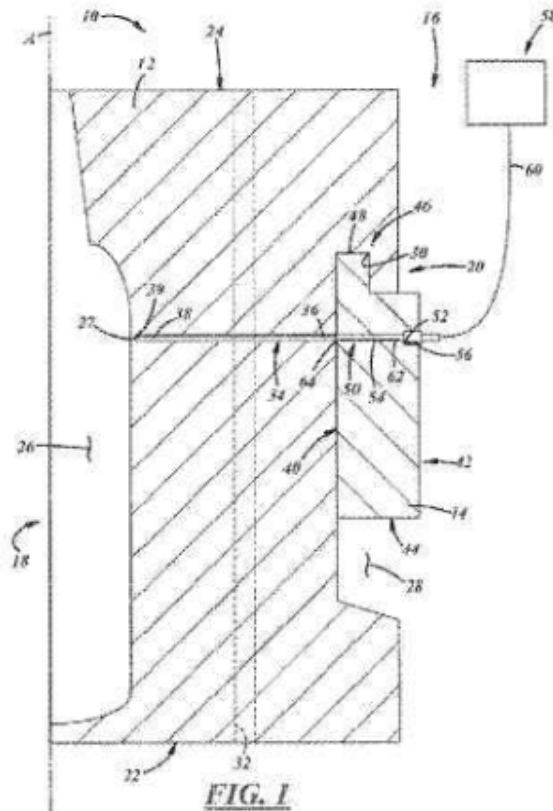
CUI - [C03B9/353](#) ; [G01J5/02](#)

CCA - [C03B9/3532](#) ; [C03B9/3875](#)

PA - OWENS-BROCKWAY GLASS
CONTAINER INC [US]

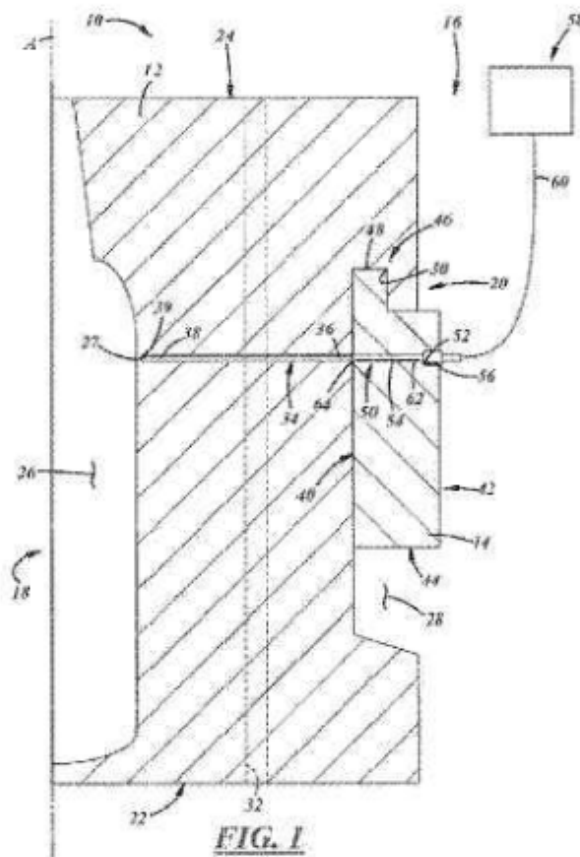
TI - GLASSWARE MOLD
PYROMETRY.

AB - An apparatus to sense temperature in a glassware forming machine. A **mold body** (12) includes an exterior surface (20), a mold cavity (26) having an interior mold surface (27), and a blind hole (34) having a closed end (38) including a closed end surface (39) adjacent to and spaced outwardly from the interior mold surface, wherein the blind hole extends outwardly from the closed end surface toward the exterior surface. The **mold body** is removably carried on a mold hanger (14), and a light collector (54) is carried by the mold hanger to collect **infrared light** emitted within the blind hole.

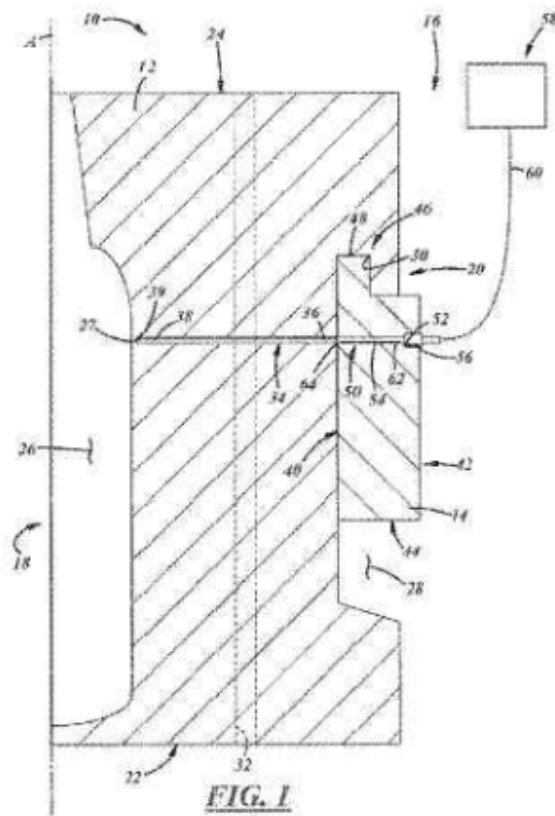


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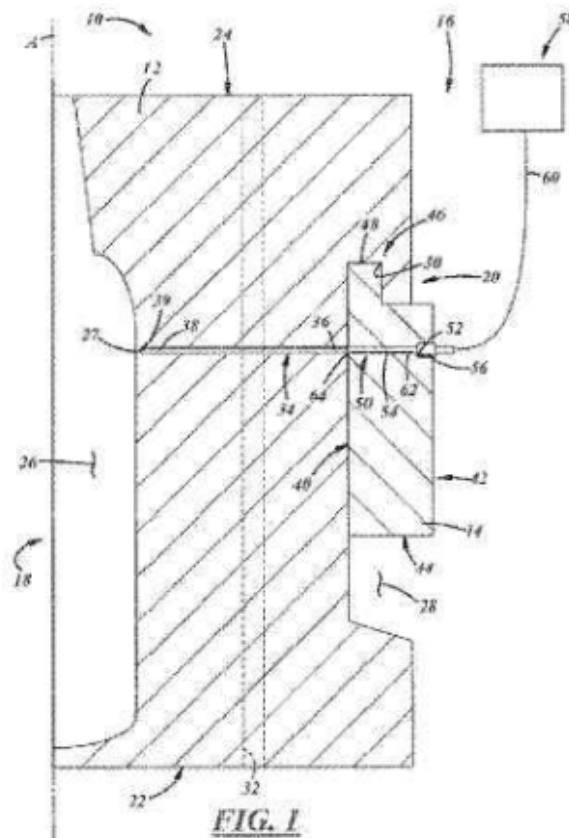
PN - [CN107001095](#) A 20170801
 PR - US201414573847
 20141217; WO2015US66309
 20151217
 AP - CN2015869001 20151217
 DT - I
 CCI - [C03B9/347](#) ; [C03B9/41](#)
 CUI - [C03B9/353](#) ; [G01J5/02](#)
 CNOI - [C03B9/347](#)
 CCA - [C03B9/3532](#) ; [C03B9/3875](#)
 CNOA - [C03B9/3532](#) ; [C03B9/3875](#)
 PA - OWENS-BROCKWAY GLASS
 CONTAINER INC
 TI - Glassware mold pyrometry
 AB - An apparatus to sense
 temperature in a glassware
 forming machine. A **mold
 body** (12) includes an exterior
 surface (20), a mold cavity
 (26) having an interior mold
 surface (27), and a blind hole
 (34) having a closed end (38)
 including a closed end
 surface (39) adjacent to and
 spaced outwardly from the
 interior mold surface,
 wherein the blind hole
 extends outwardly from the
 closed end surface toward the
 exterior surface. The **mold
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 a mold hanger (14), and a
 light collector (54) is carried
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PN - [AU2015364599](#) A1 20170615
PR - US201414573847
20141217; WO2015US66309
20151217
AP - AU20150364599 20151217
DT - I
CCI - [C03B9/347](#) ; [C03B9/41](#)
CUI - [C03B9/353](#) ; [G01J5/02](#)
CCA - [C03B9/3532](#) ; [C03B9/3875](#)
PA - OWENS-BROCKWAY GLASS
CONTAINER INC
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light collector (54) is carried
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collect **infrared light** emitted
within the blind hole.



PN - [US9546908](#) B1 20170117
 PR - US201414573847 20141217
 AP - US201414573847 20141217
 DT - **
 CT - || STSE (B1)
 [US3666433](#) A 19720530 [
] (NEBELUNG HERMANN H, et
 al);
 [US4519827](#) A 19850528 [
] (JONES STANLEY P [GB]);
 [US6746149](#) B1 20040608 [
] (CHUBB DONALD L [US], et al)
 CCI - [C03B9/347](#) ; [C03B9/41](#)
 CUI - [C03B9/353](#) ; [G01J5/02](#)
 CCA - [C03B9/3532](#) ; [C03B9/3875](#)
 PA - OWENS-BROCKWAY GLASS
 CONTAINER INC [US]
 TI - Glassware mold pyrometry
 AB - An apparatus to sense
 temperature in a glassware
 forming machine. A **mold
 body** includes an exterior
 surface, a mold cavity having
 an interior mold surface, and
 a blind hole having a closed
 end including a closed end
 surface adjacent to and
 spaced outwardly from the
 interior mold surface,
 wherein the blind hole
 extends outwardly from the
 closed end surface toward the
 exterior surface. The **mold
 body** is removably carried on
 a mold hanger, and a light
 collector is carried by the
 mold hanger to
 collect **infrared light** emitted
 within the blind hole.



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PN - [JPH11176212](#) A 19990702

PR - JP19970356351 19971210

AP - JP19970356351 19971210

DT - I

CLC - [H01L2224/48091](#), [H01L2924/00014](#), ADD

CCA - [H01L2224/48091](#); [H01L2224/48247](#)

FI - F21Q3/00&C; F21S2/00&663; F21V15/01; F21Y111/00; H01L33/00&N;
H01L33/00&422; H01L33/00&432; H01L33/00&440; H01L33/54; H01L33/60;
H01L33/62

FT - 3K080/AA12; 3K080/AA15; 3K080/AB00; 3K080/BA10; 3K080/BC01; 3K080/BD01;
3K243/DA12; 3K243/DA15; 3K243/DB00; 3K243/EA10; 3K243/EC01; 3K243/ED01;
5F041/DA07; 5F041/DA12; 5F041/DA17; 5F041/DA26; 5F041/DA41; 5F041/DA57;
5F041/DB04; 5F041/DC02; 5F041/DC03; 5F041/DC07; 5F041/DC10; 5F041/DC23;
5F041/DC64; 5F041/DC66; 5F041/DC83; 5F041/DC84; 5F041/EE23; 5F041/EE25;
5F041/FF11; 5F142/AA02; 5F142/AA56; 5F142/BA12; 5F142/BA24; 5F142/CA03;
5F142/CC03; 5F142/CE01; 5F142/CE23; 5F142/CG01; 5F142/CG32; 5F142/DB20;
5F142/EA02; 5F142/EA12; 5F142/EA18; 5F142/EA34; 5F142/GA21; 5F142/GA33

PA - KYOCERA CORP

TI - REFLECTION LED ELEMENT WITH LEAD TERMINAL PROVIDED AT BOTTOM THEREOF

AB - PROBLEM TO BE SOLVED: To provide a reflection LED element capable of increasing the intensity of light emitted from an infrared lighting system without changing the entire area in which the elements can be arrayed in high density in not only a y direction but also an x direction in the case where the infrared lighting system used for a vehicle confirming device is constituted. SOLUTION: A **mold body** 13 is provided at four corners at the lower surface thereof with lead supporters 9, 10, 11, 12, from which lead terminals 2a, 3a, 4a, 5a project. **Infrared light** emitted from an infrared LED element 6 is reflected on a recessed reflection surface 7, transmits an infrared transmission filter 8, to be radiated at a predetermined angle. Since no lead frame projects from the side surface of the **mold body** 13, the numerous lead frames can be arranged in close contact with each other, thereby increasing the intensity of the light emitted from a face light source.

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PN - [JPH11156945](#) A 19990615

PR - JP19970339465 19971126

AP - JP19970339465 19971126

DT - I

FI - A47K7/02&A; A47L13/16&B;
A47L17/08; B29C67/20&Q

FT - 2D034/CA00; 2D134/CA00;
3B074/AA03; 3B074/BB01;
3B082/HH01; 3B082/HH04;
4F212/AA31; 4F212/AA42;
4F212/AD08; 4F212/AD17;
4F212/AF01; 4F212/AG03;
4F212/AG20; 4F212/AK04;
4F212/UA15; 4F212/UB01;



4F212/UW06; 4F212/UW26

PA - HIRAI TOMOYA

TI - MANUFACTURE OF
SPONGE **MOLD BODY**

AB - PROBLEM TO BE SOLVED: To improve the strength of the surface of a sheet through the formation of a rounding and of a filmy coating membrane, and simply and easily form a complicated shape.
SOLUTION: In order to manufacture this sponge molded body, sponges are fixed together under pressure and heat and then this sponge body fixed under pressure is molded under pressure and, in succession, demolded under increasing pressure. The heating condition under the above-mentioned pressure is a pressure of 1-20 kg/m² and a heating temperature of 80-300 deg.C. Far **infrared light** may well be employed as a heating means. At the formation of the molded body through the molding of the above-mentioned bonded sponge composite, the interposition of a spacer on a foamed resin sheet side is preferable.

[SS 11] ..v

[EPODOC: SS 11] /ic C03B9/347 or C03B9/41 or C03B9/353 or C03B9/38

Results in EPODOC 4.530

[SS 12] 11 and 7

Results in EPODOC 4

[SS 13] ..v

[EPODOC: SS 13]