

Title (en)

Glue dispensing device having a cooled monitoring device

Title (de)

Kleberdüse mit gekühlter Überwachungsoptik

Title (fr)

Dispositif de distribution de colle avec un dispositif de surveillance refroidi

Publication

EP 1721681 A3 20070523 (DE)

Application

EP 06009832 A 20060512

Priority

DE 102005023046 A 20050513

Abstract (en)

[origin: EP1721681A2] The arrangement has a nozzle, which is equipped with a measuring head (41) having a camera for monitoring an adhesive seam produced by the nozzle. A cooling device is arranged at the measuring head for cooling the measuring head. The cooling device includes a cooling ring (45) arranged concentrically to the nozzle. The cooling ring includes an inflow pipe and a discharge pipe for a cooling medium. The cooling ring contacts the measuring head by a front surface in a heat conducting manner.

IPC 8 full level

B05C 5/02 (2006.01); **B05C 11/10** (2006.01); **B05B 12/08** (2006.01)

CPC (source: EP US)

B05C 5/02 (2013.01 - EP US); **B05C 5/0212** (2013.01 - EP US); **B05C 11/1007** (2013.01 - EP US); **B05C 11/1042** (2013.01 - EP US); **B05B 12/082** (2013.01 - EP US)

Citation (search report)

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- [X] EP 1416555 A1 20040506 - HONDA MOTOR CO LTD [JP]
- [X] WO 0226397 A1 20020404 - SCHUCKER JOSEF [DE]

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CN104307706A; CN112604901A; CN108296132A; EP3663578A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1721681 A2 20061115; **EP 1721681 A3 20070523**; CN 1861269 A 20061115; DE 102005023046 A1 20061116; JP 2006326580 A 20061207; US 2006254511 A1 20061116

DOCDB simple family (application)

EP 06009832 A 20060512; CN 200610082524 A 20060428; DE 102005023046 A 20050513; JP 2006133374 A 20060512; US 38300606 A 20060512