

Title (en)

Injection tip, injection device and method for injecting insulating material into insulating material chambers

Title (de)

Einblaspitze, Einblasvorrichtung sowie Verfahren zum Einblasen von Einblasdämmstoffen in Dämmstoffkammern

Title (fr)

Tête d'injection, dispositif d'injection et procédé d'injection de matériau isolant d'injection dans des chambres de matériau isolant

Publication

EP 2657432 B1 20161228 (DE)

Application

EP 13164909 A 20130423

Priority

- EP 12165109 A 20120423
- EP 13164909 A 20130423

Abstract (en)

[origin: EP2657431A1] The tip (10) has a sensor (11) for measuring operating data of the tip, and a transmitting unit for transmitting the operating data of the tip, where the operating data comprises an injecting pressure and/or a mass flow of an insulating material (22) and/or transportation air to be injected. A measuring instrument (25) detects data e.g. inner dimension and nature of innermost surface, of an insulating material chamber (20). The sensor and/or the measuring instrument are connectable with a transmitter (12) that transmits the operating data of the tip and the data of the material chamber. The measuring instrument is designed as a three-dimensional (3D) scanner. Independent claims are also included for the following: (1) an injecting device (2) a method for injecting an insulating material into an insulating material chamber.

IPC 8 full level

E04B 1/76 (2006.01); **E04F 21/08** (2006.01)

CPC (source: EP)

E04B 1/7604 (2013.01); **E04F 21/085** (2013.01)

Cited by

CN106049836A; CN105201181A; CN111270819A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2657431 A1 20131030; DK 2657432 T3 20170313; EP 2657432 A2 20131030; EP 2657432 A3 20140716; EP 2657432 B1 20161228; PL 2657432 T3 20170731

DOCDB simple family (application)

EP 12165109 A 20120423; DK 13164909 T 20130423; EP 13164909 A 20130423; PL 13164909 T 20130423