

Title (en)

Method and device for the potential control of a pigged pipes arrangement

Title (de)

Verfahren und Einrichtung zur Potentialsteuerung einer gemolchten Leitungsanordnung

Title (fr)

Procédé et dispositif de commande de potentiel d'un arrangement de tuyauteries nettoyées par raclage

Publication

**EP 1500435 B1 20070314 (DE)**

Application

**EP 04016358 A 20040712**

Priority

DE 10333547 A 20030723

Abstract (en)

[origin: EP1500435A2] Process for controlling the potential of a piggable pipeline arrangement in which in a system for electrostatic series coating of workpieces an electrically conductive coating material or another conductive medium (6) is conveyed between two pig stations (1, 2) using at least one pig (7, 8) comprises bringing the conductive medium conveyed through the pipeline (5) to the potential of the pig target station on nearing the target station via an electrical resistor (13, 14) which, at least during the coating of the workpieces, lies outside the electrical connection of a high voltage generator (4) to an application element (3). Independent claims are also included for: (1) Device for controlling the potential of a piggable pipeline arrangement in a system for electrostatic series coating of workpieces; and (2) Piggable tube for the above device.

IPC 8 full level

**B05B 5/10** (2006.01); **B05B 5/16** (2006.01); **B05B 12/14** (2006.01)

CPC (source: EP)

**B05B 5/10** (2013.01); **B05B 5/16** (2013.01); **B05B 5/1625** (2013.01); **B05B 12/1481** (2013.01)

Cited by

DE102012001563A1; DE102012001563B4; WO2013110466A1; EP2781267A1; CN104066263A; CN104136132A; RU2612715C2; US10710108B2; US10137463B2

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