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 arangement de tuyauteries nettoyées par raclage

Publication

EP 1500435 A3 20051221 (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 1-7

B05B 5/10; B05B 5/16

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)

Citation (search report)

[DA] EP 1270083 A1 20030102 - DUERR SYSTEMS GMBH [DE]

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

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