

Title (en)

Method and apparatus for fixing a film sheet to a construction surface

Title (de)

Verfahren und Vorrichtung zum Befestigen von Folienbahnen an Bauwerksflächen

Title (fr)

Méthode et dispositif pour fixer une bande de film sur des surfaces de construction

Publication

**EP 1493899 A1 20050105 (DE)**

Application

**EP 03014446 A 20030701**

Priority

EP 03014446 A 20030701

Abstract (en)

The method involves using a melting device (7,8) which produces a hot melt adhesive and is carried along with the foil roller (5) during a displacing movement. The melting device is located on a work platform (10) which remains horizontal during the displacing movement. The displacing movement occurs by means of a movement mechanism (4) which has a telescopic arm (12). The swivel axis (11) of the arm is moveably arranged on the support structure. Independent claims are included for: (1) a device to attach sheetings to the tunnel wall, and (2) the use of foamed hot melt adhesive for fixing sheetings to tunnel arches, especially for fixing the sheetings to spray concrete arches.

Abstract (de)

Zum Verlegen von Folienbahnen (15) an Tunnelwandungen (3) wird eine Vorrichtung (1) eingesetzt, die bei der Verlegebewegung eine Schmelzeinrichtung (7, 8) für Schmelzklebstoff zusammen mit dem Folienvorrat (5) mitführt. Die Vorrichtung weist einen an einer Tragstruktur (6) horizontal parallel verfahrbaren und um eine Schwenkachse (11) schwenkbare Bewegungseinrichtung (4) mit einem Arm (12) auf. Auf diese Weise lassen sich Folienbahnen einfach an Tunnelwandungen verlegen. <IMAGE>

IPC 1-7

**E21D 11/38**

IPC 8 full level

**E21D 11/38** (2006.01)

CPC (source: EP US)

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Citation (applicant)

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Citation (search report)

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- [A] FR 2024163 A1 19700828 - MECANA SCHMERIKON
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