

Title (en)

Installation and method for making coated flat pieces, in particular flat metal sheets

Title (de)

Anlage und Verfahren zur Herstellung von pulverbeschichteten, flachen Teilen, insbesondere flachen Blechteilen

Title (fr)

Installation et procédé de fabrication de pièces plates revêtues, en particulier, de tôles plates

Publication

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Application

**EP 90110253 A 19900530**

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- DE 3942978 A 19891223
- DE 4013691 A 19900428

Abstract (en)

[origin: EP0405164A2] The invention relates to an installation for making powder-coated flat components, in particular flat sheet metal components. In its overall structure, the installation consists of a charging station (1), a pretreatment station (4) with a cleaning and pretreatment zone of a drying station (9), a cooling station (13), a powder-coating station (15), a lock station (17), a drying station (18) for curing the powder coating, a further cooling station (19) and a delivery station (20) for the components treated in this installation. With this installation, flat components, in particular flat sheet metal components for equipment, vehicle bodies or the like, can be provided with a powder coating after being cut to size, before they are then subsequently fed to the further shaping process for ultimate shaping depending on the type of components. Furthermore, it is possible with this installation to apply a layer of powder to the flat sheet metal components in an additional coating stage (21) which follows the powder coating, said layer of powder serving as a lubricant aid for the subsequent shaping process.

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