

Title (en)

Painting system supplied by a single-piston pump

Title (de)

Lackieranlage versorgt durch eine Einkolbenpumpe

Title (fr)

Installation de laquage alimentée par une pompe monopiston

Publication

EP 2633921 B1 20161116 (DE)

Application

EP 12001431 A 20120302

Priority

EP 12001431 A 20120302

Abstract (en)

[origin: EP2633921A1] The paint-spray line (1) has a number of sprayers (6) which are provided to discharge paint onto an item to be coated. The sprayers are connected to a paint supply unit (12) through common supply line systems (8,10). A single-piston pump (20) is configured to feed the paint into the common supply line system. The single-piston pump is configured for specific conveying pressure. The single piston pump is provided with a distance sensor (40) for determining the piston position. A flow sensor is connected downstream of the single-piston pump on the conveying side.

IPC 8 full level

B05B 12/14 (2006.01)

CPC (source: EP US)

B05B 9/035 (2013.01 - US); **B05B 12/14** (2013.01 - EP US); **B05B 12/1481** (2013.01 - EP US); **B05B 12/149** (2013.01 - EP US)

Designated contracting state (EPC)

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