

Title (en)

Method and connecting element for filling heating systems

Title (de)

Methode und Verbindungselement zur Befüllung von Heizungsanlagen

Title (fr)

Méthode et pièce de connexion pour le remplissage d'un système de chauffage

Publication

EP 1351026 A1 20031008 (EN)

Application

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Priority

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Abstract (en)

The object of the invention is a method intended for the filling of liquid circulation heating piping systems, and a connecting element (3) to be installed in the piping system for the time of filling the piping system when the method is applied. No traditional air venting at the radiators is required when the system is filled according the invention. During the filling of the piping system liquid is supplied through an supply opening (1), so that the piping system is filled from the return side. Then the air in the piping system is carried with the liquid flow to the input side of the piping system and further out from the piping system through a discharge opening (2), provided that the flow rate is sufficiently high. The piping section between the input and discharge openings is hydraulically cut off. The required large input opening (1) and discharge opening (2) are provided by a connecting element (3) which is installed for the time of filling in the housing (4) of the centrifugal pump of the piping system to be filled, or by a connecting element which is installed in place of the pump of the piping system to be filled. <IMAGE>

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Citation (search report)

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