

Title (en)
Construction unit for a heating system

Title (de)
Baueinheit für eine Heizungsanlage

Title (fr)
Composant pour une installation de chauffage

Publication
EP 3012553 B1 20180117 (DE)

Application
EP 14189801 A 20141021

Priority
EP 14189801 A 20141021

Abstract (en)
[origin: CN105526615A] The invention relates to a structure unit, which is applied to a heat supply facility having two heat supply loops. The structure unit has a flow-in component, which comprises a flow-in part for indoor warming, a flow-in part for heating non-drinking water, and an interface for outlet of a main heat exchanger; and a flow-back component, which comprises a flow-back part for indoor warming, a flow-back part for heating non-drinking water, and an interface for inlet of the main heat exchanger; the components are connected through a plate type heat exchanger, the flow-in component is composed of part of two components; part of the component has the interface for the outlet of the main heat exchanger and the interface for the flow-in part for indoor warming, the other part of the component has a flow-in interface, which is used to heat non-drinking water and is connected to the plate type heat exchanger, and two non-drinking water interfaces. The components are made of different materials and made into plastic injection moulds and have interfaces facing each other. Through the interfaces, the components can be removably mechanically connected and directly hydraulically connected.

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CPC (source: EP US)
F24D 19/1066 (2013.01 - EP US); **F24H 9/142** (2013.01 - EP)

Citation (opposition)
Opponent : Gealan Formteile GmbH
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