

Title (en)
HYBRID AIR CONDITIONING AND SANITARY WATER HEATING SYSTEM

Title (de)
HYBRIDE KLIMAANLAGE UND BRAUCHWASSERHEIZANLAGE

Title (fr)
SYSTÈME HYBRIDE DE CLIMATISATION ET DE CHAUFFAGE D'EAU SANITAIRE

Publication
EP 4379266 A1 20240605 (EN)

Application
EP 23208016 A 20231106

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Abstract (en)
A hybrid heating system (100) comprising a heat pump (1), a gas boiler (20), a hydraulic circuit system (40a) with an installation return duct (41) and an installation delivery duct (42) connectable to a primary water circuit (51) of a heating installation (50) of a building (60), an internal temperature probe (62), a user interface (63), an electronic control system (64) wherein the hydraulic circuit system (40a) operatively connects the heat pump (1) and the gas boiler (20) to the installation return duct (41) and the installation delivery duct (42), wherein the electronic control system (64) actuates and controls the individual and/or combined operation of the heat pump (1) and the gas boiler (20) depending on the internal temperature target value and the internal temperature detected by the internal temperature probe (62), wherein the system (100) comprises an external unit (65) positionable outside the building (60) and comprising an external unit housing (66) which accommodates the heat pump (1) and the gas boiler (20).

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Citation (search report)

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