Title (en)

LINE ARRANGEMENT FOR TEMPERING TWO TEMPERING CIRCUITS OF BUILDINGS

Title (de)

LEITUNGSANORDNUNG ZUR TEMPERIERUNG VON ZWEI TEMPERIERKREISEN VON GEBÄUDEN

Title (fr)

ARRANGEMENT DE CONDUITES POUR ÉQUILIBRER LA TEMPÉRATURE DE DEUX CIRCUITS D ÉQUILIBRAGE DE LA TEMPÉRATURE DE BÂTIMENTS

Publication

EP 2307812 A1 20110413 (DE)

Application

EP 09757517 A 20090602

Priority

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- DE 102008027346 A 20080607

Abstract (en)

[origin: CA2728585A1] A line arrangement (10) for tempering buildings is proposed for performing concrete core activation overnight and for providing additional cooling for peak load operation during the day, said arrangement comprising a single feed line (12) and a single return line (20). From said lines, first and second tempering circuits (26, 28) branch off in a known fashion. In the process, the flow direction within the feed end section (16) of the feed line (12) and within the return end section (24) of the return line (20) can be reversed by way of a reversing valve (42). The end sections thus assume a feed or return function depending on the flow direction. Back check valves (38, 40) within the feed and return sections (16, 24) make sure that the tempering medium leaving the respective activated tempering circuit (26 or 28) does not flow into the respective non-activated tempering circuit (28 or 26).

IPC 8 full level

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CPC (source: EP US)

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