

Title (en)

DIGITAL SIGNAL TRANSMISSION SYSTEM FOR BUILDING SYSTEMS ENGINEERING

Title (de)

DIGITALES SIGNALÜBERTRAGUNGSSYSTEM DER GEBÄUDESYSTEMTECHNIK

Title (fr)

SYSTEME DE TRANSMISSION DE SIGNAUX NUMERIQUE UTILISE DANS LA TECHNIQUE DES SYSTEMES DE BATIMENTS

Publication

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Application

EP 00918690 A 20000306

Priority

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Abstract (en)

[origin: DE19912429A1] The invention relates to a digital building systems engineering signal transmission system for information messages. User devices with function types such as actuator and/or sensor and/or evaluation can be connected to a bus (2) using coupling elements with interfaces. According to the invention, application modules (4) for a set of user functions and/or communications functions and/or evaluate functions are provided in the signal transmission system on the user side of the interface (3) of the coupling elements (1). These functions can be connected to locally installable coupling elements (1) belonging to the fixed installation which i.a. receive information messages at the bus end and forward them to the user end. The coupling element contains the functions required for the signal transmission system insofar as they are not contained in the application module (4). The coupling elements (1) and the application modules (4) are configured for defining user functions and/or communications functions and/or evaluate functions using bus-end information messages produced even by other media or communications connections.

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