

Title (en)
CONDUCTOR RAIL SYSTEM

Title (de)
STROMSCHIENENSYSTEM

Title (fr)
SYSTEME A RAIL CONDUCTEUR

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Application
EP 01911735 A 20010305

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Abstract (en)
[origin: WO0191250A1] The invention relates to a conductor rail system for lamps, comprising several mounting rails (1) which can be connected to each other in a modular manner, in addition to an electroconductor profile held by said mounting rails (1). The profile is provided with grooves (11) which can be accessed from a contact side and which run in a longitudinal manner along the mounting rails (1), said grooves being used to receive wires (6) for an electric power supply and/or to transmit control signals. A connection element (31) comprising corrugated cavities which correspond to the grooves (11) in the electroconductor profiles is used in order to connect the electroconductor profiles of two adjacent mounting rails (1). Each cavity accommodates a metal connector (35) to which the wires arranged and connected to each other in the grooves (11) in the electroconductor profiles can be connected bilaterally.

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Cited by
DE102017125263A1; DE102017125267A1; EP2287977A1; EP4270680A1; DE102017125275A1; WO2021069302A1; EP2287978A1; EP3664228A1; WO2021069304A1; DE102019126922A1; EP4080688A1; AT17495U1; AT17494U1; AT17493U1; WO2021069371A1; DE102019126942A1; EP3477794A1; DE102009037763A1; EP3477794B1; WO2021069363A1; WO2023208503A1; DE102017125275B4; DE102009037764A1

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