

Title (en)  
SYSTEM FOR TRANSMITTING ELECTRIC POWER THROUGH A WALL

Title (de)  
SYSTEM ZUR STROMLEITUNG DURCH EINE WAND

Title (fr)  
SYSTEME DE TRANSMISSION DE PUISSANCE ELECTRIQUE A TRAVERS UNE PAROI

Publication  
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Application  
**EP 10788110 A 20101029**

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Abstract (en)  
[origin: WO2011051631A2] The invention relates to a system (11) for transmitting electric power through a wall (10), including a housing (40) intended for being rigidly connected to the wall, and two penetrator sub-units (12, 22) on either side of the housing, each including a conductive element (14, 24) and an insulating element (13, 23) rigidly connected to one another. The system is arranged such as to maintain electrical contact between the conductive elements of the penetrator sub-units while enabling the conducting elements to move axially relative to one another. The insulating elements of the two penetrator sub-units engage with the housing such that the compression forces to which each penetrator sub-unit is exposed are at least partially transmitted to the housing.

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