

Title (en)  
ASSEMBLY OF A SHEATH AND A SCREW CONNECTOR

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Application  
**EP 88401091 A 19880505**

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Abstract (en)  
[origin: EP0290343A1] The present invention relates to a concentric multi-layer flexible screening sheath for an electrical cable (20), especially for protection against low-frequency electromagnetic radiation. It comprises, between two insulating layers (2-4, 9-10), a screen (5-8) having a high magnetic permeability coefficient formed by at least one band of nickel-iron alloy having a crystalline structure such as mu-metal (6), or from a boron-nickel-iron alloy having an amorphous structure, which band is placed between two metallic braids (5, 8) having low electrical resistivity and high coverage, for example made of tinned copper. Application to protecting against electromagnetic radiation in the myriametric and kilometric wave range. <IMAGE>

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**H01B 11/10**

IPC 8 full level  
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CPC (source: EP)  
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Cited by  
DE102009019797A1; FR2793593A1; DE19807527A1; DE102006013553B3; FR2793594A1; FR2665809A1; DE102009019797B4; WO9206520A1; WO0068959A1; EP2246948A2

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