

Title (en)
Emi filtering of multi-wire cables

Title (de)
EMI - Filtrieren bei Mehrdrahtkabeln

Title (fr)
Filtration EMI de câbles multiconducteurs

Publication
EP 1020875 A2 20000719 (EN)

Application
EP 99123557 A 19991126

Priority
AU PP814899 A 19990114

Abstract (en)
A multiple-wire cable such as a cable connecting a PABX which generates unwanted EMI signals to other equipment acts to radiate EMI and to conduct EMI signals to other equipment. It is known to apply individual line filters to each line to prevent the EMI signals from being distributed over the cable. According to the invention EMI signals, both radiated and conducted are attenuated by a distributed filter in the form of a screen applied to the cable. To effectively attenuate the conducted signals, the length of the screened cable must be greater than a minimum length determined for the frequency of the EMI and the dimensions of the cable. <IMAGE>

IPC 1-7
H01B 11/06

IPC 8 full level
H04B 3/02 (2006.01); **H01B 11/06** (2006.01)

CPC (source: EP)
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Cited by
RU2609151C2; US7138896B2; US7489224B2

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EP 1020875 A2 20000719; EP 1020875 A3 20010418; AU PP814899 A0 19990204; JP 2000232396 A 20000822

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