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(54) **Apparatus for increasing SCSI bus length by increasing the signal propagation or transmission of only two bus signals**

(57) A cable used for transmitting the signals of a communications bus, such as a SCSI bus, having arbitration control signals subject to a wired-or glitch - such as the SCSI BSY signal. High propagation speed conductors increase the propagation speed of the BSY signal, resulting in a proportionate increase in the maximum length of the SCSI bus cable while maintaining adherence with the SCSI bus timing specifications.

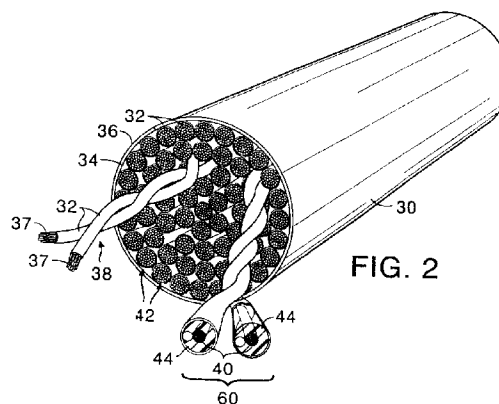


FIG. 2

EP 0 688 024 A3



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EUROPEAN SEARCH REPORT

Application Number
EP 95 30 4217

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	US-A-3 273 080 (HILDEBRAND)	1,2,4,8,11	H01B11/02 H01B11/12
Y	* column 5, line 1 - line 3; figure 3 * ---	5,6	
A	US-A-5 113 098 (TEYMOURI) * claims 1,2; figure 4 * ---	3,9,10	
Y	EP-A-0 227 268 (JUNKOSHA) * column 1, line 7 - line 15 * ---	5	
X	CH-A-324 053 (HUBER)	7	
Y	* figure 2 * ---	6	
A	FR-A-1 391 953 (LCC-STEAFIX) * claim 1 * ---	9	
X	US-A-4 376 920 (SMITH) * claims 1,6 * -----	12	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			H01B
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		14 February 1996	Hey, S
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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