Title (en)

DATA PROCESSING DEVICE

Title (de)

DATENVERARBEITUNGSVORRICHTUNG

Title (fr)

DISPOSITIF DE TRAITEMENT DE DONNEES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9609750A1] The invention relates to methods and structures for connecting circuits and circuit elements processing electrical signals having very fast transition times, including sub-nanosecond transition times. It includes a connecting structure (10) for connecting a multiplicity of signal lines (14A-14N) at a common point (12) to reduce unwanted reflections thereat; a single or multi-conductor female connector (30) for receiving thin elements such as ribbon cable ends, printed circuit (PC) board edges (32) and the like; a structure for connecting together a multiplicity of ribbon cables terminating in such multi-conductor female connectors, and a further structure (68, 70) for connecting together a multiplicity of such multi-cable connectors to obtain maximum packing thereof, and minimum conductor lengths thereto, to obtain processing rates up to twenty-fold over what is available with present connecting methods and structures.

IPC 1-7

H05K 7/20

IPC 8 full level

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