Title (en)
DIGITAL LOGIC UNIT THAT CAN BE RECONFIGURED

Title (de)
REKONFIGURIERBARE DIGITALE LOGIKEINHEIT

Title (fr)
UNITE LOGIQUE NUMERIQUE RECONFIGURABLE

Publication
EP 1506496 A2 20050216 (DE)

Application
EP 02776857 A 20021025

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Abstract (en)
[origin: WO03038644A2] The invention relates to a digital logic unit that can be reconfigured and that comprises: a plurality of logic cells (19, 26) that have configurable properties; a memory (13) with a plurality of microprograms (14, 16) that contains information on the functionality of a plurality of logic cells (19, 26), at least one of the microprograms (14, 16) being reprogrammable depending on a certain application at least during the current operation of the logic unit; means for selecting at least one microprogram (14, 16); and means for configuring logic cells corresponding to the functionality information of the selected microprogram (14, 16) at least during the current operation of the logic unit.

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