

Title (en)
BUILDING A QUANTUM COMPUTER

Title (de)
AUFBAU EINES QUANTENRECHNERS

Title (fr)
CONSTRUCTION D'UN ORDINATEUR QUANTIQUE

Publication
EP 4168946 A4 20240320 (EN)

Application
EP 20940534 A 20200617

Priority
US 2020037977 W 20200617

Abstract (en)
[origin: WO2021257064A1] Using a photon split experiment as an example. Electrons are pushed through different paths and are detected by a sensor. When light is shined on this electron the pattern of electrons going through the different paths through an area becomes predictable. If no light is used the electrons have a scattered path to the sensor. Using current in this fashion current is passed through a set of "slits" a photon is used to control the sensors holding the category of information. When the sensor controlling the current gets the input to output is the electron and it will go through the "slits" the as determined by a input that is given to the laser controlling the photon. After this the electron will get detected by a sensor and activate the information source inside. A large number of these set-ups will build a computer.

IPC 8 full level
G06N 10/40 (2022.01)

CPC (source: EP)
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Citation (search report)

- No further relevant documents disclosed
- See references of WO 2021257064A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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