

Title (en)

DEVICE AND METHOD FOR USE IN QUANTUM CRYPTOGRAPHY

Title (de)

VORRICHTUNG UND VERFAHREN FÜR DIE QUANTENKRYPTOGRAPHIE

Title (fr)

DISPOSITIF ET PROCEDE DESTINES A ETRE UTILISES EN CRYPTOGRAPHIE QUANTIQUE

Publication

EP 1374475 A2 20040102 (DE)

Application

EP 02759800 A 20020405

Priority

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Abstract (en)

[origin: WO02082714A2] The invention relates to a quantum cryptography system for the safe generation of keys, especially using signal sources and analytical channels. The signal sources are arranged spatially separately in such a way that the wave fronts of the light signals emitted by them are partially superimposed on the input of the quantum channel. The analytical channels are arranged in such a way that the wave front of the light signals exiting the quantum channel is spatially split up and at least two of the sections are analyzed in a quantum mechanical state.

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