

Title (en)

DEVICE AND METHOD FOR DETECTING NEUTRINOS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR DETEKTION VON NEUTRINOS

Title (fr)

DISPOSITIF ET PROCEDE DE DETECTION DE NEUTRINOS

Publication

**EP 4034916 A1 20220803 (FR)**

Application

**EP 20780997 A 20200925**

Priority

- FR 1910610 A 20190926
- EP 2020076925 W 20200925

Abstract (en)

[origin: WO2021058752A1] Method for detecting neutrinos, comprising the following steps: (a) providing free neutrons in a collision area (Z), (b) detecting at least one elementary particle transmitted in the collision area (Z), in particular by detecting the energy and/or the direction thereof, (c) determining, from the detected elementary particle(s), information on at least one neutrino which has arrived in the collision area and has collided with a free neutron present in the collision area (Z).

IPC 8 full level

**G01T 1/16** (2006.01)

CPC (source: EP)

**G01T 1/1606** (2013.01)

Citation (search report)

See references of WO 2021058752A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2021058752 A1 20210401**; EP 4034916 A1 20220803; FR 3101437 A1 20210402; FR 3101437 B1 20211029

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