

**Information on Search Strategy - Pilot phase (see OJ 2015, A86)**

The type of information contained in this sheet may change during the pilot for improving the usefulness of this new service.

Application Number

PCT/EP2016/065310

TITLE: SMA BUNDLE WIRE OPTIMISATION IN AN ENERGY RECOVERY DEVICE

APPLICANT: EXERGYN LIMITED

IPC CLASSIFICATION: F03G7/06

EXAMINER: Giorgini, Gabriele

CONSULTED DATABASES: NPL, WPI

CLASSIFICATION SYMBOLS DEFINING EXTENT OF THE SEARCH:

IPC:

CPC: F03G7/065

FI/F-TERMS:

KEYWORDS OR OTHER ELEMENTS FEATURING THE INVENTION:

Energy recovery device comprising a plurality of Shape Memory Alloy (SMAs) or Negative Thermal Expansion (NTE) elements arranged as a plurality of wires positioned substantially parallel with each other to define a core wherein the wires are selected to have different dimensions such that the plurality of wires are activated at substantially the same time in response to a temperature change.