Title (en)

SUPERCONDUCTING PELLET COMPRISING A CAVITY AND ASSOCIATED ELECTRICAL MACHINE

Title (de)

SUPRALEITENDES PELLET, DAS EINEN HOHLRAUM UMFASST, UND ZUGEHÖRIGE ELEKTRISCHE MASCHINE

Title (fr)

PASTILLE SUPRACONDUCTRICE COMPRENANT UNE CAVITÉ ET MACHINE ÉLECTRIQUE ASSOCIÉE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2021116575A1] The present invention relates to a superconducting pellet (7) for a superconducting electrical machine (1), the superconducting pellet (7) having a circumferential wall (8), the circumferential wall having: - a first border (9), - a second border (10) opposite the first border (9), - an inner face (11) connecting the first border (9) to the second border (10), - an outer face (12) opposite the inner face (11), and - a cavity (13) formed between the first border (9) and the second border (10) and defined by the inner face (11), and - an additional wall (14, 15, 16) which covers the first border (9) or is flush with the first border (9) so as to at least partially cover the cavity (13), or extends from the inner face (11) at a distance from the first border (9) and the second border (10) so as to divide the cavity (13) into two portions.

IPC 8 full level

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CPC (source: EP US)

B64D 27/24 (2013.01 - US); **H01F 6/00** (2013.01 - EP US); **H02K 15/02** (2013.01 - US); **H02K 55/00** (2013.01 - EP); **H02K 55/02** (2013.01 - US); H02K 1/182 (2013.01 - EP); Y02E 40/60 (2013.01 - EP)

Citation (search report)

See references of WO 2021116575A1

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