

Title (en)

TURBOMACHINE ROTOR HAVING IMPROVED VIBRATORY BEHAVIOUR

Title (de)

TURBOMASCHINENROTOR MIT VERBESSERTEM VIBRATIONSVERHALTEN

Title (fr)

ROTOR DE TURBOMACHINE PRESENTANT UN COMPORTEMENT VIBRATOIRE AMELIORE

Publication

EP 4291755 A1 20231220 (FR)

Application

EP 22705447 A 20220201

Priority

- FR 2101263 A 20210210
- FR 2022050188 W 20220201

Abstract (en)

[origin: WO2022171946A1] Assembly (1) comprising a body (10) extending around a central axis (X-X), the body (10) having an outer surface (14) from which a plurality of blades (20) extend, each of the blades (20) having a blade root (22) and a blade tip (24) defining an inner radial end and an outer radial end of the blade (20) relative to the central axis (X-X), the blades (20) having the same blade height (H) measured radially relative to the central axis (X-X), characterised in that each of the blades (20) is connected to the body (10) by its blade root (22) via a connection (30) having a non-zero connection height such that, for the plurality of the blades (20), the connection height of two successive blades (20) is different.

IPC 8 full level

F01D 5/16 (2006.01)

CPC (source: EP US)

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