

Title (en)

Machine with electric motor, preferably synchronuos motor, for directly driving a winding core of a winding roll, especially for use in the paper industry, and related method for modification

Title (de)

Maschine mit einem vorzugsweise als Synchronmotor ausgeführten und zum Direktantrieb eines Wickelkerns einer Wickelrolle dienenden Elektromotors, insbesondere zur Verwendung in der Papierindustrie, und sich hierauf beziehendes Umbauverfahren

Title (fr)

Machine avec moteur électrique, de préférence moteur synchrone, pour entraîner directement le noyau d' une bobine, spécialement pour l'usage dans l'industrie de papier, et méthode de transformation en rapport avec cette machine

Publication

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Application

EP 04006599 A 20040318

Priority

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- DE 102004001467 A 20040109

Abstract (en)

[origin: EP1460010A2] A continuous web of paper or carton winds onto a spool core (108) that is directly driven and rotated by a synchronous electric motor ('torque motor') (12) attached to the machine frame. The motor is located at the axial end zone of the core. The rotor of link fitting (18) is or can be directly coupled to the core drive interface (24). The core may be part of a dry cylinder in a dry section, or a winding core forming part of a spool. Also claimed is a process to operate a commensurate machine. Further claimed is a process to retro-fit a torque motor in place of prior art drive systems.

IPC 8 full level

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CPC (source: EP)

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Cited by

CN113135321A; EP1764326A3; CN103466365A; EP1764325A3; EP1790597A1; CN101873984A; ES2482390A1; CN111183105A; EP1714929A1; DE102008000042A1; EP1764326A2; EP1790598A2; WO2018229588A1; WO2005073114A3; WO2014057142A1; WO2019034680A1; DE102022120317A1

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