

Title (en)

Machine or machine section with at least one electric motor for direct driving a core of a winding reel, in particular for application in the paper industry

Title (de)

Maschine oder Maschinenabschnitt mit wenigstens einem zum Direktantrieb eines Wickelkerns einer Wickelrolle dienenden Elektromotor, insbesondere zur Verwendung in der Papierindustrie

Title (fr)

Machine ou section de machine dotée d'au moins un électromoteur destiné à l'engrenage direct d'un axe d'enroulement d'une bobine d'enroulement, en particulier destiné à l'utilisation dans l'industrie du papier

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Application

EP 07004788 A 20040318

Priority

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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

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