

Title (en)

Roll drive end and method for mounting the same

Title (de)

Walzenantriebsende und Verfahren zur Montage desselben

Title (fr)

Emission d'engrenage à cylindre et son procédé de montage

Publication

EP 1849913 A3 20131009 (DE)

Application

EP 07106765 A 20070424

Priority

DE 102006020242 A 20060427

Abstract (en)

[origin: EP1849913A2] A paper mill has a hollow cylindrical drum (1) with a drive spigot (2) coupled to a drive shaft (3). The spigot has an axial hole (4) in line with the axis of drum rotation an extending the entire spigot length (5-6). The spigot outer end face (5) has a drive flange (7) through which torque is transmitted to the spigot. The drive flange incorporates a tensile anchor (5) that also runs thru the axial hole (4) and is fixed to the spigot end face (6) inside the drum, causing the flange to brake against the spigot external face (5).

IPC 8 full level

D21F 5/02 (2006.01); **D21F 7/02** (2006.01); **D21G 1/00** (2006.01)

CPC (source: EP US)

D21F 5/021 (2013.01 - EP US); **D21F 7/02** (2013.01 - EP US); **D21G 1/0006** (2013.01 - EP US); **Y10T 29/49549** (2015.01 - EP US)

Citation (search report)

[A] DE 892548 C 19531008 - TACKE MASCHINENFABRIK K G F

Cited by

WO2010115676A1

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Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 07106765 A 20070424; DE 102006020242 A 20060427; US 69632907 A 20070404