

Title (en)

Method for controlling the acceleration of a bobbin drive roll

Title (de)

Verfahren zum Regeln der Beschleunigung einer Spulenantriebswalze

Title (fr)

Procédé de régulation de l'accélération d'un rouleau d'entraînement de bobine

Publication

EP 2738123 A3 20150325 (DE)

Application

EP 13005339 A 20131113

Previously filed application

102012023558 20121201 DE

Priority

DE 102012023558 A 20121201

Abstract (en)

[origin: EP2738123A2] The method involves successively accelerating the bobbin drive roller (4) to preset acceleration stages. The angular velocities of bobbin drive roller and cross-wound bobbin (3) are detected and compared with each other, so as to start next stage of acceleration. The time required for synchronization of circumferential speeds of cross-wound bobbin and bobbin drive roller is measured. The threshold value of acceleration stage is changed based on the preset deviation from nominal time period of the start of the acceleration stages.

IPC 8 full level

B65H 54/42 (2006.01); **B65H 54/74** (2006.01)

CPC (source: EP)

B65H 54/42 (2013.01); **B65H 54/74** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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BA ME

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EP 2738123 A2 20140604; **EP 2738123 A3 20150325**; **EP 2738123 B1 20160323**; CN 103848278 A 20140611; CN 103848278 B 20170811; DE 102012023558 A1 20140605; JP 2014108895 A 20140612; JP 6230888 B2 20171115

DOCDB simple family (application)

EP 13005339 A 20131113; CN 201310757012 A 20131129; DE 102012023558 A 20121201; JP 2013249305 A 20131202