

Title (en)
LABELLING MACHINE AND METHOD OF OPERATION

Title (de)
ETIKETTIERMASCHINE UND BETRIEBSVERFAHREN

Title (fr)
MACHINE D'ÉTIQUETAGE ET PROCÉDÉ DE FONCTIONNEMENT

Publication
EP 3060486 B1 20200304 (EN)

Application
EP 14787040 A 20141016

Priority
• GB 201318583 A 20131021
• GB 2014053106 W 20141016

Abstract (en)
[origin: GB2519372A] Disclosed is a labelling apparatus and method, in which a controller sends control signals to a motive means, such that a label web is accelerated in at least two steps up to its normal desirable operating speed. This may prevent a speed overshoot, or oscillations in speed around the desirable speed, which might occur with a single acceleration step, for positional accuracy of labelling. Also disclosed is a labelling apparatus and method, in which a controller sends control signals to a motive means, such that a label web is decelerated to rest, and an encoder sends a position adjustment signal to the motive means, to adjust a final position of the label web. Also disclosed is a labelling apparatus and method, in which a controller sends control signals to a motive means, such that a label web is decelerated to rest at a first position, and in which relaxation of the web displaces the web to a second position past the first.

IPC 8 full level
B65C 9/42 (2006.01)

CPC (source: EP GB)
B65C 1/02 (2013.01 - GB); **B65C 1/025** (2013.01 - GB); **B65C 9/42** (2013.01 - EP GB)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
GB 201318583 D0 20131204; **GB 2519372 A 20150422**; **GB 2519372 B 20200603**; CN 105358440 A 20160224; CN 105358440 B 20190308; CN 109928000 A 20190625; CN 109928000 B 20210525; EP 3060486 A2 20160831; EP 3060486 B1 20200304; EP 3778410 A1 20210217; WO 2015059450 A2 20150430; WO 2015059450 A3 20150618

DOCDB simple family (application)
GB 201318583 A 20131021; CN 201480037455 A 20141016; CN 201910110099 A 20141016; EP 14787040 A 20141016; EP 20160135 A 20141016; GB 2014053106 W 20141016