

Title (en)
Egg handling system

Title (de)
Vorrichtung zum Handhaben von Eiern

Title (fr)
Dispositif de manutention d'oeufs

Publication
EP 0922639 A2 19990616 (EN)

Application
EP 98306686 A 19980820

Priority
GB 9717902 A 19970821

Abstract (en)
An egg handling system comprising an inclined shaker tray 20 supplied with eggs and a row of delivery stations 28 at the bottom edge of the tray, each for receiving an egg from the tray and having release means 32,33 for releasing the egg. Delivery station control means (a timer, or an alignment sensor) ensure that the egg in the delivery station is aligned before the egg is released. The eggs roll down a slight incline to the bottom edge of the tray, which by the manner of its oscillation aligns the eggs. The exit of the eggs from the delivery station may be controlled to rotate the egg in a direction dependent on its orientation so as to orient the egg into a predetermined orientation, or the eggs can be directed to two different cassettes in dependence on their orientation. <IMAGE>

IPC 1-7
B65B 23/06

IPC 8 full level
B65B 23/06 (2006.01)

CPC (source: EP)
B65B 23/06 (2013.01)

Cited by
US7504129B2; CN115867130A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0922639 A2 19990616; EP 0922639 A3 19990825; GB 9717902 D0 19971029

DOCDB simple family (application)
EP 98306686 A 19980820; GB 9717902 A 19970821