

Title (en)  
A cylinder recognition system

Title (de)  
Zylindererkennungssystem

Title (fr)  
Système de reconnaissance de cylindre

Publication  
**EP 2610781 A3 20140827 (EN)**

Application  
**EP 12199372 A 20121225**

Priority  
TR 201113152 A 20111228

Abstract (en)  
[origin: EP2610781A2] This invention relates to a cylinder recognition system, identifying the type of a cylinder prior to a filling process by means of a camera using artificial vision technology and allowing conveying a single type of cylinder to a filling line. It comprises at least one illuminator (8) providing the illumination of cylinders conveyed on a conveyor line to a filling unit in a storage cabin (4); at least one camera (7) generating an image providing the classification of cylinders conveyed to a filling unit; at least one storage cabin (4) in which cylinders conveyed to a filling unit are stopped, their images taken by the camera (7) and the type of cylinder is determined accordingly; at least one control unit (13) in which electric signals from photocells (2, 5, 9) and camera (7) are processed, and accordingly, electronic signals are transmitted to the deflecting piston (10) to classify the cylinders; and at least one operator display (14) by which the type of cylinder is selected and the number of cylinders deflected or conveyed to a filling unit is monitored by the user.

IPC 8 full level  
**B07C 5/12** (2006.01); **B07C 5/34** (2006.01); **F17C 5/00** (2006.01); **G06K 9/00** (2006.01)

CPC (source: EP)  
**B07C 5/126** (2013.01); **B07C 5/3408** (2013.01); **B07C 5/3412** (2013.01); **F17C 2205/05** (2013.01); **F17C 2221/035** (2013.01);  
**F17C 2223/0153** (2013.01); **F17C 2223/033** (2013.01); **F17C 2250/032** (2013.01); **F17C 2250/038** (2013.01); **F17C 2270/0745** (2013.01)

Citation (search report)  
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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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2610781 A2 20130703; EP 2610781 A3 20140827; EP 2610781 B1 20150805;** DK 2610781 T3 20151109

DOCDB simple family (application)  
**EP 12199372 A 20121225;** DK 12199372 T 20121225