

Title (en)  
Device for draining, drying and storing pipes.

Title (de)  
Vorrichtung zum Abtropfenlassen, Trocknen und Ablegen von Rohren

Title (fr)  
Dispositif d'égouttage, de séchage et de rangement de tuyaux

Publication  
**EP 1927410 A1 20080604 (FR)**

Application  
**EP 07301542 A 20071112**

Priority  
FR 0655174 A 20061129

Abstract (en)  
The device for draining, drying and storing flexible pipes (8) that transfer the wine or grape juice, comprises a support (1) receiving a vertical drum (3) rotating around a longitudinal axis (4), a rod assembly (5-15) of vertical maintenance (6) uniformly distributed on its periphery, and a series of notches for reception of the pipes. The series of notches are placed one above the other along their length to allow the installation and maintenance of the flexible tubes spirally rolled around the drum so that the pipes are drained by gravity. The device for draining, drying and storing flexible pipes (8) that transfer the wine or grape juice, comprises a support (1) receiving a vertical drum (3) rotating around a longitudinal axis (4), a rod assembly (5-15) of vertical maintenance (6) uniformly distributed on its periphery, and a series of notches for reception of the pipes. The series of notches are placed one above the other along their length to allow the installation and maintenance of the flexible tubes spirally rolled around the drum so that the pipes are drained by gravity. The notches are defined by series of parallel plates inclined towards a top that is fixed on an external face of the maintenance rods. The support comprises a circular console equipped with a mandrel at its median part, and is mounted on a wheel.

Abstract (fr)  
Dispositif d'égouttage, de séchage et de rangement de tuyaux souples notamment de tuyaux ayant servi au transfert de vin ou de jus de raisin, caractérisé en ce qu'il est constitué par un support (1) recevant un tambour cylindrique vertical mobile en rotation autour de son axe longitudinal médian (4) et équipé d'un ensemble de tiges de maintien verticales (6) uniformément réparties sur sa périphérie et comportant chacune une série d'encoches de réception de tuyaux (8) disposées les unes au-dessus des autres sur sa longueur, de façon à permettre la mise en place et le maintien d'un ensemble de tuyaux souples enroulés (10) en spirale autour du tambour rotatif (3) pour qu'ils puissent s'égoutter par gravité.

IPC 8 full level  
**B08B 13/00** (2006.01); **C12L 11/00** (2006.01)

CPC (source: EP)  
**B08B 9/02** (2013.01); **B08B 13/00** (2013.01)

Citation (search report)  
• [A] DE 202005009666 U1 20050901 - METALLWARENFABRIK WALTER H BEC [DE]  
• [A] DE 20306695 U1 20040609 - SYNTECS GMBH REINIGUNGSSYSTEME [DE]  
• [A] US 6352224 B1 20020305 - COLLINS JOHN D [US]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1927410 A1 20080604**; FR 2909014 A1 20080530; FR 2909014 B1 20081226

DOCDB simple family (application)  
**EP 07301542 A 20071112**; FR 0655174 A 20061129