Title (en)
PACKAGING FOR FLUORESCENT RING LAMPS
Title (de)
VERPACKUNG FÜR LEUCHTSTOFF-RINGLAMPEN
Title (fr)
EMBALLAGE POUR TUBES ANNULAIRES FLUORESCENTS
Publication
EP 1075428 B1 20020109 (DE)
Application
EP 99920793 A 19990427
Priority

- DE 19819176 A 19980429
- EP 9902829 W 19990427

Abstract (en)
[origin: DE19819176A1] The invention relates to a device for packing fluorescent ring lamps $(1,2,3)$ using a blank $(4,5,6)$ that is made of a sheettype material, preferably corrugated cardboard, which is assembled by folding it along break lines and by means of inserts and adhesive joints to form a flat sleeve $(7,8,9)$ that covers at least partially and protects each tube $(1,2,3)$ with two flat sides $(10,11 ; 12,13 ; 14,15)$ that enclose said tube between them. A plurality of different sized sleeves $(7,8,9)$ are provided to accommodate different sized lamps ( 1,2 , 3 ). The dimensions of the two sides $(10,11)$ of the largest sleeve $(7)$ are adapted to the dimensions of the recesses $(16,17)$ which themselves are adapted to the smaller sleeves $(8,9)$ to enable accommodation by means of positive fit or force connection, whereby at least one of the smaller sleeves $(8,9)$ can be inserted into the volume occupied by the largest sleeve (7) in such a way that when assembled, an overall packaging with a volume that is no greater than that of the largest sleeve (7) is formed by several individual packaging items whereby each individual packaging item can be removed without causing any damage to the other remaining packaging items.

IPC 1-7 B65D 5/42

IPC 8 full level
B65D 5/42 (2006.01); B65D 75/20 (2006.01); B65D 85/42 (2006.01)
CPC (source: EP US)
B65D 5/427 (2013.01 - EP US); B65D 75/20 (2013.01 - EP US); B65D 85/42 (2013.01 - EP US)
Designated contracting state (EPC) DE IT NL

## DOCDB simple family (publication)

 DE 19819176 A1 19991104; DE 19819176 C2 20010322; DE 59900751 D1 20020228; EP 1075428 A1 20010214; EP 1075428 B1 20020109; JP 2002512926 A 20020508; US 6439385 B1 20020827; WO 9955589 A1 19991104DOCDB simple family (application)
DE 19819176 A 19980429; DE 59900751 T 19990427; EP 9902829 W 19990427; EP 99920793 A 19990427; JP 2000545757 A 19990427; US 67407800 A 20001025

