

Title (en)

Tube-support in a tube filling machine

Title (de)

Tubenhalter in einer Tubenfüllmaschine

Title (fr)

Support pour un tube dans une machine de remplissage de tubes

Publication

**EP 1088759 A3 20030423 (DE)**

Application

**EP 00108915 A 20000427**

Priority

DE 19920622 A 19990505

Abstract (en)

[origin: DE19920622A1] A tube filling machine has a tube holder which an essentially cylindrical unit (11) into which a clamp (12) is inserted with a panel-shaped base (13) from which a collar-clamp extends to pick up the tube during the filling operation. The collar-clamp has a number of circumferential vertical slits which extend as far as the lower end, forming axial grips.

IPC 1-7

**B65B 43/54**; **B65B 43/42**

IPC 8 full level

**B65B 43/54** (2006.01)

CPC (source: EP)

**B65B 3/16** (2013.01); **B65B 43/54** (2013.01)

Citation (search report)

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- [Y] US 3819194 A 19740625 - GREVICH J, et al
- [A] US 3147018 A 19640901 - AUGUST REICHERT
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Designated contracting state (EPC)

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**DE 19920622 A1 20001109**; EP 1088759 A2 20010404; EP 1088759 A3 20030423

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