

Title (en)
LIFTING DEVICE FOR TRANSPORTING CONTAINERS

Publication
EP 0028365 B1 19831207 (DE)

Application
EP 80106467 A 19801023

Priority
DE 2943523 A 19791027

Abstract (en)
[origin: US4373755A] Previously known lifting devices for transportation of flasks having lateral trunnions at each end and containing radioactive material were not employable for different sizes of large flasks without considerable adjustments and structural alterations. This invention avoids the necessity for such changes and alterations with a lifting device which consists of a crane hook attachment structure on top of a torsion body having cross pieces on its opposite ends from which hang lug side arms for detachable engagement with the trunnions of the flask. One cross piece is rigidly fixed on the torsion body, while the other cross piece is suspended for tilting on a horizontal axis on the torsion body. The lug side arms are suspended from laterally swingable end portions of the cross pieces and are secured to the cross pieces swivelingly around vertical pivots.

IPC 1-7
B66C 1/66; **B66C 1/10**; **G21F 5/00**

IPC 8 full level
B66C 1/10 (2006.01); **B66C 1/66** (2006.01); **G21F 5/14** (2006.01)

CPC (source: EP US)
B66C 1/10 (2013.01 - EP US); **B66C 1/66** (2013.01 - EP US); **G21F 5/14** (2013.01 - EP US)

Citation (examination)
FR 2338480 A1 19770812 - ASEA AB [SE]

Cited by
EP0041162A1; FR2586501A1; EP0575638A1; WO2010112190A1

Designated contracting state (EPC)
BE CH FR LI SE

DOCDB simple family (publication)
EP 0028365 A2 19810513; **EP 0028365 A3 19810527**; **EP 0028365 B1 19831207**; DE 2943523 A1 19810507; DE 2943523 C2 19851017; ES 496104 A0 19840801; ES 8406367 A1 19840801; US 4373755 A 19830215

DOCDB simple family (application)
EP 80106467 A 19801023; DE 2943523 A 19791027; ES 496104 A 19801021; US 20119680 A 19801027