

Title (en)  
Drum lifting device for products to be treated

Title (de)  
Fassheber für aufzubereitende Produkte

Title (fr)  
Dispositif de levage de fûts en vue de la préparation de produits

Publication  
**EP 0717007 B1 19970611 (DE)**

Application  
**EP 95119592 A 19951212**

Priority  
DE 9420028 U 19941214

Abstract (en)  
[origin: EP0717007A1] The barrel (5) is placed on a support holder (4) mounted on supports (4a) which slide up a vertical guide (2) on a simple support frame. The top of the frame has a pump head (7) with an intake complete with integral heater (6). The barrel is raised until the pump and heater are immersed in the contents. The pumping system has no flexible hoses and feeds a processing station for the viscous material. The support frame is a simple design comprising ground support (1a), vertical support (1c) and overhead support (1b) all rigidly connected. The vertical drive is via a hydraulic ram (3).

IPC 1-7  
**B67D 5/63**

IPC 8 full level  
**B66F 9/04** (2006.01); **B66F 11/00** (2006.01); **B66F 19/00** (2006.01); **B67D 5/44** (2006.01); **B67D 5/62** (2006.01); **B67D 5/63** (2006.01); **B67D 7/62** (2010.01); **B67D 7/80** (2010.01); **B67D 7/82** (2010.01); **F15B 1/00** (2006.01)

CPC (source: EP KR)  
**B66F 9/04** (2013.01 - EP KR); **B66F 11/00** (2013.01 - EP KR); **B66F 19/00** (2013.01 - EP KR); **B67D 7/62** (2013.01 - EP); **B67D 7/64** (2013.01 - KR); **B67D 7/80** (2013.01 - EP); **B67D 7/82** (2013.01 - KR)

Cited by  
EP1331041A3

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**DE 9420028 U1 19950209**; DE 29521555 U1 19970731; DE 59500309 D1 19970717; EP 0717007 A1 19960619; EP 0717007 B1 19970611; ES 2104457 T3 19971001; JP 2672803 B2 19971105; JP H08277801 A 19961022; KR 960024097 A 19960720

DOCDB simple family (application)  
**DE 9420028 U 19941214**; DE 29521555 U 19951212; DE 59500309 T 19951212; EP 95119592 A 19951212; ES 95119592 T 19951212; JP 32611595 A 19951214; KR 19950050149 A 19951214