

Title (en)  
Unwinding device for reels

Title (de)  
Abrollvorrichtung für Wickelrollen

Title (fr)  
Dispositif de déroulage pour bobines

Publication  
**EP 0497105 B1 19960904 (DE)**

Application  
**EP 92100306 A 19920110**

Priority  
DE 4103057 A 19910201

Abstract (en)  
[origin: EP0497105A1] Unwinding devices for reels (21) are known, having two posts (1, 2) disposed at a distance from each other, in each of which a clamping head (18), which can be retracted into the sleeve of the reel (21), is mounted so as to be rotatable. In order to raise the reels (21), the clamping heads (18) can be vertically moved by means of a lifting drive (23, 24). <??>According to the invention a bearing housing (16) is mounted in each of the posts (1, 2), which are movable transversely to the direction of web travel, so that said bearing housing can be raised and lowered, and on which is attached a clamping head (18). The lift drive (piston-cylinder unit 23, 24) acts on the bearing housing (16) symmetrically to the vertical (29) through the axis of rotation (22) of the clamping head (18). This avoids torques around an axis parallel to the axis of rotation (22) thus permitting a simplification of the design. <IMAGE>

IPC 1-7  
**B65H 16/06**; **B65H 19/12**

IPC 8 full level  
**B65H 16/06** (2006.01); **B65H 19/12** (2006.01)

CPC (source: EP US)  
**B65H 16/06** (2013.01 - EP US); **B65H 19/126** (2013.01 - EP US); **B65H 2301/41346** (2013.01 - EP US); **B65H 2301/413526** (2013.01 - EP US); **B65H 2301/4173** (2013.01 - EP US); **B65H 2405/422** (2013.01 - EP US)

Cited by  
US6042047A; CN105692279A; WO9845197A1

Designated contracting state (EPC)  
DE ES FR IT

DOCDB simple family (publication)  
**EP 0497105 A1 19920805**; **EP 0497105 B1 19960904**; DE 4103057 A1 19920806; DE 4103057 C2 19940714; DE 59207021 D1 19961010; JP H0558521 A 19930309; US 5316231 A 19940531

DOCDB simple family (application)  
**EP 92100306 A 19920110**; DE 4103057 A 19910201; DE 59207021 T 19920110; JP 1644092 A 19920131; US 83040692 A 19920131