

Title (en)  
UNWINDING DEVICE FOR WEB ROLL

Publication  
**EP 0384988 B1 19921202 (DE)**

Application  
**EP 89124171 A 19891230**

Priority  
DE 3906515 A 19890301

Abstract (en)  
[origin: US5060878A] An unwinding device for a machine for the processing of strip material has a pair of arms which receive the roll between them and are movable toward and away from one another by a spindle having threaded portions of opposite hand engaging the respective arms. A bearing sleeve axially entraining the spindle is engaged between the fork shanks which are connected to a piston rod of a double acting cylinder mounted on the traverse along which the arms are guided to adjust the arms in axial direction transverse to the web feed direction.

IPC 1-7  
**B65H 16/02**; **B65H 19/10**; **B65H 23/032**

IPC 8 full level  
**B65H 16/02** (2006.01); **B65H 16/06** (2006.01); **B65H 19/10** (2006.01); **B65H 23/032** (2006.01)

CPC (source: EP US)  
**B65H 16/06** (2013.01 - EP US); **B65H 23/02** (2013.01 - EP); **B65H 2301/41346** (2013.01 - EP US); **B65H 2301/415085** (2013.01 - EP US); **B65H 2403/52** (2013.01 - EP US); **B65H 2511/12** (2013.01 - EP US)

Cited by  
CN115849068A; CN108639823A; EP0891864A1; CN103979332A; DE102011080654A1; DE102011080657A1; DE102011080654B4; DE102011080657B4; WO2013087249A1; WO2013020729A1; US8905346B2; DE102012208840A1; DE102012222488A1; WO2014086900A1

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DOCDB simple family (publication)  
**DE 3906515 C1 19900531**; DE 58902902 D1 19930114; EP 0384988 A2 19900905; EP 0384988 A3 19910306; EP 0384988 B1 19921202; ES 2036785 T3 19930601; US 5060878 A 19911029

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