

Title (en)  
Warp beam

Title (de)  
Kettbaum

Title (fr)  
Ensouple

Publication  
**EP 2154277 B1 20111221 (DE)**

Application  
**EP 08014335 A 20080812**

Priority  
EP 08014335 A 20080812

Abstract (en)  
[origin: EP2154277A1] The wrap beam (2) has a shaft and a wrap beam disk (24) which has a conical formed contact surface (27). The wrap beam disk is adjustable on the shaft in an axial manner. The shaft has an external thread, on which the wrap beam disk is screwed with an internal thread. A separating unit guide is arranged in a through hole.

IPC 8 full level  
**D02H 9/00** (2006.01)

CPC (source: EP)  
**D02H 9/00** (2013.01); **D02H 13/30** (2013.01); **D02H 13/32** (2013.01)

Designated contracting state (EPC)  
CH DE ES IT LI

DOCDB simple family (publication)  
**EP 2154277 A1 20100217**; **EP 2154277 B1 20111221**; CN 101649520 A 20100217; CN 101649520 B 20121114; JP 2010043398 A 20100225; JP 4907686 B2 20120404

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**EP 08014335 A 20080812**; CN 200910117957 A 20090227; JP 2009093013 A 20090407