

Title (en)  
Apparatus for stretching film webs transversely

Title (de)  
Vorrichtung zum Querrecken von Folienbahnen

Title (fr)  
Dispositif d'étrage transversal de feuilles continues

Publication  
**EP 2296864 A1 20110323 (DE)**

Application  
**EP 09737740 A 20090425**

Priority  

- DE 2009000591 W 20090425
- DE 102008021506 A 20080430

Abstract (en)  
[origin: WO2009132632A1] In transverse stretching systems for film webs, tenter clips (1) run by way of running rollers (7) on guide rails (2). At relatively high working speeds, vibrations, noise, wear and friction losses occur. In order to avoid this, permanent magnets or electromagnets (8) are arranged on the tenter clip (1) or on the guide rail (2) in the region of the running rollers (7) in such a way that the tenter clip (1) is pulled towards the guide rail (2) in a defined direction. The running of the tenter clip (1) on the guide rail (2) is therefore stabilized and high working speeds can be achieved in apparatuses for stretching film webs transversely.

IPC 8 full level  
**B29C 55/20** (2006.01)

CPC (source: EP)  
**B29C 55/20** (2013.01)

Citation (search report)  
See references of WO 2009132632A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**DE 102008021506 A1 20091105**; CN 102015253 A 20110413; EP 2296864 A1 20110323; JP 2011518695 A 20110630;  
WO 2009132632 A1 20091105

DOCDB simple family (application)  
**DE 102008021506 A 20080430**; CN 200980116058 A 20090425; DE 2009000591 W 20090425; EP 09737740 A 20090425;  
JP 2011506571 A 20090425