

Title (en)  
CONVEYANCE DEVICE FOR FILM SUBSTRATE

Title (de)  
FÖRDERVORRICHTUNG FÜR FOLIENSUBSTRAT

Title (fr)  
DISPOSITIF DE TRANSPORT POUR UN SUBSTRAT FORMANT FILM

Publication  
**EP 2514852 A4 20131009 (EN)**

Application  
**EP 10837410 A 20101122**

Priority  
• JP 2009282865 A 20091214  
• JP 2010070787 W 20101122

Abstract (en)  
[origin: EP2514852A1] The present invention provides a film substrate conveying device that is capable of adjusting, with a high degree of accuracy, the position of each of substrates conveyed in both a forward feed direction and a backward feed direction. The film substrate conveying device is a device for conveying a belt-like film substrate 2 while placing the film substrate 2 upright, with one end part thereof being on an upper side in a width direction thereof, this film substrate conveying device having: at least a pair of first grip rollers 6 that is disposed so as to sandwich an upper end part of the film substrate 2 therebetween; and a first angle adjusting mechanism 11 that is capable of adjusting an inclination direction and an inclination angle of the first grip rollers 6 so as to be able to incline a rotation angle of the first grip rollers 6 such that a rotation direction of the first grip rollers 6 is on an upper side with respect to a conveying direction.

IPC 8 full level  
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CPC (source: EP US)  
**B65H 9/166** (2013.01 - EP US); **B65H 23/0324** (2013.01 - EP US); **B65H 23/038** (2013.01 - EP US); **B65H 2301/323** (2013.01 - EP US); **B65H 2403/942** (2013.01 - EP US); **B65H 2404/14212** (2013.01 - EP US)

Citation (search report)  
• [X] EP 2020392 A2 20090204 - FUJI ELECTRIC HOLDINGS [JP]  
• [X] WO 2009122836 A1 20091008 - FUJI ELECTRIC SYSTEMS CO LTD [JP], et al & EP 2261394 A1 20101215 - FUJI ELECTRIC SYSTEMS CO LTD [JP]  
• See references of WO 2011074381A1

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DOCDB simple family (publication)  
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