

Title (en)  
Winding method and apparatus

Title (de)  
Aufwinderverfahren und Vorrichtung

Title (fr)  
Procédé et dispositif de bobinage

Publication  
**EP 1295831 A1 20030326 (EN)**

Application  
**EP 02256459 A 20020918**

Priority  
GB 0122917 A 20010922

Abstract (en)  
A running web of sheet material (2) is wound onto a roll (8). An empty core (30) is arranged at a transfer position to receive the web when the roll (8) is completed. A wrap roller (20) is moved so as to draw the web upstream of the core (30) around a portion of the circumference of the core. A head assembly (40) of a cross-cut mechanism then advances, wrapping the web upstream of the core (30) around the core. A spring loaded blade (52) is then advanced so as to cut the web and to force the end of the web into the inrunning nip between the wrap roller and the core. The head assembly and the wrap roller are then withdrawn to their standby positions and the core (30) moved from the transfer position to a running position while the completed roll (8) is unloaded. <IMAGE>

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**B65H 19/26** (2006.01); **B65H 19/28** (2006.01)

CPC (source: EP US)  
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Citation (search report)  
• [X] US 6273356 B1 20010814 - BURTON MICHAEL [GB]  
• [X] US 4153215 A 19790508 - SCHULZE WILHELM  
• [X] US 4058267 A 19771115 - SCHUTTLER WILHELM  
• [A] EP 0944542 A1 19990929 - DARLET MARCHANTE TECH SA [FR]

Cited by  
EP1801059A1; FR3068341A1; US7484685B2; WO2015067946A3; WO2019007585A1

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