

Title (en)
SURFACE WINDING ON AN A-FRAME WINDER

Title (de)
OBERFLÄCHENWICKEL AUF WICKELMASCHINE MIT A-FÖRMIGEM RAHMEN

Title (fr)
ENROULEMENT DE SURFACE SUR UN ENROULEUR A STRUCTURE EN A

Publication
EP 1089931 B1 20030319 (EN)

Application
EP 98928960 A 19980610

Priority
US 9811983 W 19980610

Abstract (en)
[origin: WO9964335A1] A strip of sheet material (80) is wound on a spool (64) by a driving belt (32) wrapped around spaced rollers (28, 34, 36, 38) of a surface winder (12) which urge the sheet material into contact with the spool, rotating the spool, and at the same time, applying the sheet material to the spool, with layers of the material being separated by a liner (78) wrapped around the spool as the sheet material is being applied.

IPC 1-7
B65H 18/22; **B65H 18/26**

IPC 8 full level
B65H 18/22 (2006.01); **B65H 18/26** (2006.01)

CPC (source: EP)
B65H 18/22 (2013.01); **B65H 18/26** (2013.01); **B65H 2801/93** (2013.01)

Citation (examination)
• EP 0860391 A1 19980826 - VALMET CORP [FI]
• US 4283023 A 19810811 - BRAUN HEINZ, et al

Cited by
CN104640798A

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DE FR GB IT

DOCDB simple family (publication)
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