

Title (en)
DEVICE FOR WINDING SHEET-LIKE MATERIAL

Publication
EP 0191809 B1 19881228 (DE)

Application
EP 85903994 A 19850806

Priority
• DE 3429462 A 19840810
• DE 3429463 A 19840810

Abstract (en)
[origin: WO8601186A1] In a device for winding sheet-like material around bobbin cores individually supplied after each other, the initial segment (110) of a new sheet-like product portion (111) is arranged with an insertion element (54) under the first new turn of the sheet-like material.

IPC 1-7
B65H 19/22

IPC 8 full level
B65H 19/22 (2006.01); **B65H 19/28** (2006.01)

CPC (source: EP US)
B65H 19/22 (2013.01 - EP US); **B65H 19/2253** (2013.01 - EP US); **B65H 19/28** (2013.01 - EP US); **B65H 2301/41814** (2013.01 - EP US)

Cited by
DE3629216A1; CN114520358A

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
WO 8601186 A1 19860227; AU 4728485 A 19860307; DE 3527055 A1 19860220; DE 3567003 D1 19890202; DE 8423786 U1 19860220; EP 0191809 A1 19860827; EP 0191809 B1 19881228; US 4901934 A 19900220

DOCDB simple family (application)
EP 8500398 W 19850806; AU 4728485 A 19850806; DE 3527055 A 19850727; DE 3567003 T 19850806; DE 8423786 U 19840810; EP 85903994 A 19850806; US 18277388 A 19880418