

Title (en)  
Packing wheel

Title (de)  
Verpackungsrad

Title (fr)  
Roue empaqueteuse

Publication  
**EP 1780127 A1 20070502 (EN)**

Application  
**EP 06123055 A 20061027**

Priority  
IT BO20050659 A 20051028

Abstract (en)  
A packing wheel (1) for conveying products (2) for packing and sheets (S) of packing material along an endless packing path (P) extending about a central axis (9); the packing wheel (1) has a main shaft (12) coaxial with the central axis (9) and rotating continuously about the central axis (9); a number of sectors (19), each of which is connected idly to the main shaft (12), is mounted to rotate about the central axis (9), and has a number of packing pockets (23) movable along the packing path (P) and for receiving respective products (2); and a number of angular connecting devices (24), each of which connects a respective sector (19) angularly to the main shaft (12) to derive motion from the main shaft (12) and rotate the sector (19) about the central axis (9) with a variable law of motion, so that the sectors (19) may have different angular speeds at the same time.

IPC 8 full level  
**B65B 19/22** (2006.01); **B65B 11/30** (2006.01)

CPC (source: EP)  
**B65B 11/30** (2013.01); **B65B 19/223** (2013.01)

Citation (search report)  
• [A] US 4962634 A 19901016 - BOLDRINI FULVIO [IT], et al  
• [A] EP 0560164 A1 19930915 - GD SPA [IT]  
• [A] EP 0317805 A1 19890531 - FOCKE & CO [DE]

Cited by  
US11136152B2; WO2010119473A1; EP2933196A2; EP3362365B1

Designated contracting state (EPC)  
CH DE GB LI

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1780127 A1 20070502**; **EP 1780127 B1 20100106**; DE 602006011555 D1 20100225; IT BO20050659 A1 20070429

DOCDB simple family (application)  
**EP 06123055 A 20061027**; DE 602006011555 T 20061027; IT BO20050659 A 20051028