

Title (en)  
Suction device for sheet material

Title (de)  
Saugvorrichtung für ein Flächenmaterial

Title (fr)  
Dispositif d'aspiration pour matériau en feuilles

Publication  
**EP 1707519 A3 20080416 (DE)**

Application  
**EP 06005450 A 20060317**

Priority  
DE 102005014559 A 20050331

Abstract (en)  
[origin: EP1707519A2] The device has a continuously circulating suction belt (3) with suction openings (36) for sucking flat materials, and a wheel (2) circulating with same speed as the suction belt, where the wheel is attached to the suction belt. The wheel is designed as a suction wheel, and has a suction unit that communicates with longitudinal suction channels of the suction belt, where the channels lead to the suction openings.

IPC 8 full level  
**B65H 29/68** (2006.01)

CPC (source: EP)  
**B65H 29/686** (2013.01); **B65H 2406/32** (2013.01); **B65H 2406/3223** (2013.01); **B65H 2406/3614** (2013.01); **B65H 2701/176** (2013.01)

Citation (search report)

- [X] US 3961784 A 19760608 - SEVAK NITIN M, et al
- [X] US 6524445 B1 20030225 - OTTO KURT T [US], et al

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1707519 A2 20061004**; **EP 1707519 A3 20080416**; DE 102005014559 A1 20061005; JP 2006281781 A 20061019

DOCDB simple family (application)  
**EP 06005450 A 20060317**; DE 102005014559 A 20050331; JP 2006075043 A 20060317