Title (en)

System for the production of stacks of sheets of corrugated cardboard or the like

Title (de)

System zur Erstellung von Stapeln von Bogen aus Wellpape oder dergleichen

Title (fr)

Système pour produire des piles de feuilles en carton ondulé ou similaire

Publication

EP 1710183 B2 20111214 (EN)

Application

EP 05425197 A 20050405

Priority

EP 05425197 A 20050405

Abstract (en)

[origin: EP1710183A1] The device includes: an inlet section (3), in which the sheets (F) are fed and disposed in a shingled arrangement, with a variable reciprocal degree of overlapping; a stacking station (31), in which predetermined quantities of sheets are stacked on a collection table (33) to form piles (P) of sheets (F); a series of conveyors (5, 9, 11, 13) to convey the sheets from the inlet section to the stacking station. The unloading end of the last conveyor (13) has an inclination adjustable as a function of the operating conditions of the device, to reduce the variation of the angle of incidence of the sheets with respect to the stacking table when said operating conditions vary.

IPC 8 full level

B65H 29/18 (2006.01)

CPC (source: EP)

B65H 29/18 (2013.01); **B65H 29/66** (2013.01); **B65H 33/12** (2013.01); B65H 2404/254 (2013.01); B65H 2511/17 (2013.01); B65H 2511/214 (2013.01); B65H 2701/1764 (2013.01)

C-Set (source: EP)

1. B65H 2511/17 + B65H 2220/02 + B65H 2220/11
2. B65H 2511/214 + B65H 2220/02 + B65H 2220/11

Citation (opposition)

  Opponent :

- DE 1958242 A1 19700910 - UNIVERSAL CORRUGATED BOX MACH
- DE 69702274 T2 20010208 - FOSBER SPA [IT]
- DE 19615560 A1 19971023 - BHS CORR MASCH & ANLAGENBAU [DE]
- US 3938674 A 19760217 - KROEZE HENDRIK J, et al

Cited by

IT202200000215A1; WO2017036685A1; US10525653B2; WO2019048437A1; US11422536B2; WO2021005123A1; IT201900011319A1; US11892827B2

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1710183 A1 20061011; **EP 1710183 B1 20070718**; **EP 1710183 B2 20111214**; AT E367347 T1 20070815; DE 602005001691 D1 20070830; DE 602005001691 T2 20080430; DE 602005001691 T3 20120329; ES 2288734 T3 20080116; ES 2288734 T5 20120321

DOCDB simple family (application)

EP 05425197 A 20050405; AT 05425197 T 20050405; DE 602005001691 T 20050405; ES 05425197 T 20050405