

Title (en)
Assembly and process for manufacturing corrugated board

Title (de)
Anordnung und Verfahren für die Herstellung von Wellpappe

Title (fr)
Ensemble et procédé de fabrication de carton ondulé

Publication
EP 2792478 B1 20190320 (EN)

Application
EP 13164476 A 20130419

Priority
EP 13164476 A 20130419

Abstract (en)
[origin: EP2792478A1] A unit (1) for manufacturing corrugated board (105) from sheets of paper material (100), comprising: corrugation means (2) suitable to heat-corrugate a first sheet of paper material (101) to make a corrugated sheet(101a), heating means (3) suitable to heat sheets of paper material (100) to provide the heat needed to optimise at least the processing performed by the corrugation means (2), first gluing means (4) suitable for joining, by hot gluing the corrugated sheet (101 a) to a second sheet of smooth paper material (102) to make a compound corrugated sheet (103), second gluing means (5) suitable for joining, by hot gluing, the compound corrugated sheet (103) to a final sheet (104) to make corrugated board (105), the first gluing means (4) and the second gluing means (5) are positioned next to the corrugation means (2), so that the first heating means (3) are able to supply at least a predominant part of the heat needed by the first gluing means (4) and the second gluing means (5).

IPC 8 full level
B31F 1/28 (2006.01)

CPC (source: EP)
B31F 1/2818 (2013.01); **B31F 1/284** (2013.01); **B31F 1/285** (2013.01); **B31F 1/2881** (2013.01)

Citation (examination)
US 1796542 A 19310317 - SCHOO CLARENCE J

Cited by
CN110871602A; CN107984808A; CN111685500A; WO2019048945A1; US11155055B2; US11241859B2; DE102017216717A1; JP2019055588A; EP3459724A3; IT201700099951A1; CN111065513A; EP4046789A2; DE102022103597A1; DE102022103599A1; DE102022103600A1; WO2022179903A1; EP3459724B1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2792478 A1 20141022; EP 2792478 B1 20190320

DOCDB simple family (application)
EP 13164476 A 20130419