

Title (en)

Device and method for scoring corrugated and solid cardboard

Title (de)

Vorrichtung und Verfahren zum Rillen von Wellpappe und Vollpappe

Title (fr)

Dispositif et procédé destiné à rainurer du carton ondulé ou du carton homogène

Publication

EP 2845724 B1 20160615 (DE)

Application

EP 14180663 A 20140812

Priority

- DE 102013217994 A 20130909
- DE 102013218955 A 20130920
- DE 102013223854 A 20131121

Abstract (en)

[origin: US2015068664A1] Apparatus for fluting corrugated board or solid board includes a first sonotrode and an anvil or a second sonotrode disposed opposition to the first sonotrode. A local zone of the solid board or layers of the corrugated board is compressed between the first sonotrode and the anvil or second sonotrode, and then subjected to ultrasound to form a flute line or crease in the corrugated board or solid board.

IPC 8 full level

B31B 1/25 (2006.01); **B31B 50/25** (2017.01); **B31F 1/08** (2006.01); **B31F 1/10** (2006.01); **B31F 1/36** (2006.01)

CPC (source: EP US)

B31F 1/08 (2013.01 - EP US); **B31F 1/10** (2013.01 - EP US); **B31F 1/36** (2013.01 - EP US); **B31B 50/25** (2017.07 - EP US); **B31B 50/256** (2017.07 - EP US); **B31B 50/644** (2017.07 - EP US); **B31B 50/645** (2017.07 - EP US); **B31B 50/649** (2017.07 - EP US)

Citation (examination)

- DE 102009002298 A1 20101014 - BOSCH GMBH ROBERT [DE]
- US 2002189206 A1 20021219 - CAPODIECI ROBERTO A [US]

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DE102016123374A1

Designated contracting state (EPC)

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