

Title (en)
Fabric stack shingler.

Title (de)
Vorrichtung zum Überlappen von Stoffstücken eines Stapels.

Title (fr)
Appareil pour faire se chevaucher les pièces d'une pile de tissu.

Publication
EP 0442723 B1 19950726 (EN)

Application
EP 91301165 A 19910213

Priority
US 47947290 A 19900213

Abstract (en)
[origin: EP0442723A1] For roughly shingling stacks composed of flexible planar objects, such as fabric workpieces, a stack is placed over an axis connecting two hinged support surfaces (112, 114) one (114) of which is rotated relative to the other (112) to bend the workpieces and form a shingle with the trailing end of the stack (122) clamped to the first one (112, Fig. 2C). The other, leading end of the stack (122) is then clamped (Fig. 2D), the trailing end is released (Fig. 2E), and the support surfaces made parallel (Fig. 2F). For subsequent shingling, the rough shingled stack is driven on a conveyor (210) under a series of spreading rollers (222) having positive pressure to drive the rollers (222) onto the stack. <IMAGE>

IPC 1-7
B65H 29/66

IPC 8 full level
D06H 7/00 (2006.01); **B65H 3/60** (2006.01); **B65H 3/62** (2006.01); **B65H 5/24** (2006.01); **B65H 29/66** (2006.01)

CPC (source: EP)
B65H 3/60 (2013.01); **B65H 29/6654** (2013.01); **B65H 2511/22** (2013.01)

Citation (examination)
US 4214744 A 19800729 - EVANS DONALD J [US]

Cited by
CN107915089A; CN108517677A; CN112048898A

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AT BE CH DE DK ES FR GB GR IT LI LU NL SE

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