

Title (en)

CARDING MACHINE FOR MAKING A FIBRE FLEECE

Publication

**EP 0271677 B1 19921230 (DE)**

Application

**EP 87115647 A 19871024**

Priority

DE 3643304 A 19861218

Abstract (en)

[origin: US4852217A] A carder for manufacturing non-woven materials from fibrous material which includes at least one draw-in roller, and a licker-in roller following the draw-in roller and rotating in the same direction. There are at least two worker rollers of the same diameter following the licker-in roller, the two worker rollers rotating in the same direction and at a greater speed than the licker-in roller. At least one doffing cylinder cooperates with the last of the worker rollers. Further worker rollers follow the two worker rollers, with the various worker rollers being separated by transfer regions between adjacent rollers. The relative speeds and the spacings between adjacent rollers are adjustable to control the proportion of fibrous material that can be returned to previous worker rollers or sent to succeeding worker rollers. An air-guiding box projects into at least one of the transfer regions, the box being adjustable in height and width.

IPC 1-7

**D01G 15/46**; **D04H 1/72**

IPC 8 full level

**D01G 15/04** (2006.01); **D01G 15/46** (2006.01); **D04H 1/72** (2006.01)

CPC (source: EP US)

**D01G 15/04** (2013.01 - EP US)

Citation (examination)

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EP0661394A1; WO9517540A1

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**US 4852217 A 19890801**; AT E84084 T1 19930115; DE 3643304 C1 19880331; DE 3783347 D1 19930211; EP 0271677 A2 19880622; EP 0271677 A3 19891025; EP 0271677 B1 19921230

DOCDB simple family (application)

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