

Title (en)  
Tobacco threshing apparatus.

Title (de)  
Tabakdreschmaschine.

Title (fr)  
Batteuse de tabac.

Publication  
**EP 0112040 A1 19840627 (EN)**

Application  
**EP 83306882 A 19831110**

Priority  
GB 8234577 A 19821203

Abstract (en)  
A tobacco thresher is provided having a plurality of rotors (11) provided with cutting teeth (12) and mounted on a common shaft (10), a housing (14) having an arcuate surface (16) surrounding part of the rotors, an entry opening (13) for tobacco leaves, a screen (20) surrounding another part of the rotor having openings for discharge of portions of laminae cut from the tobacco stems, only one set of fixed cutters (18) disposed parallel to the shaft and arranged to coact with the cutting teeth (12) of the rotors (11), and a discharge means (15) provided between the fixed cutters (18) and the adjacent end (19) of the arcuate surface (16) of the housing (14), whereby the tobacco leaves are first threshed between the cutting teeth (12) and the openings in the screen (20) followed by cutting between the cutting teeth (12) and the fixed cutters (18). Such a combination enables lamina produced by the thresher to be increased, in order to increase in turn the strand length when the lamina is cut and hence the filling power in the cigarette.

IPC 1-7  
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IPC 8 full level  
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CPC (source: EP)  
**A24B 7/04** (2013.01); **B02C 18/14** (2013.01); **B02C 18/18** (2013.01)

Citation (search report)  
• US 4077573 A 19780307 - KERSEY CARL H, et al  
• DE 3000153 A1 19810709 - HAUNI WERKE KOERBER & CO KG [DE]

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**EP 0112040 A1 19840627**; **EP 0112040 B1 19860723**; CA 1227097 A 19870922; DE 3364756 D1 19860828; JP S59130176 A 19840726; ZW 25183 A1 19840208

DOCDB simple family (application)  
**EP 83306882 A 19831110**; CA 442533 A 19831205; DE 3364756 T 19831110; JP 22828783 A 19831202; ZW 25183 A 19831118