

Title (en)
Folded sheet product dispenser system.

Title (de)
Abgabesystem für faltbares Blattprodukt.

Title (fr)
Distributeur de produit de feuille pliée.

Publication
EP 0506244 A1 19920930 (EN)

Application
EP 92301957 A 19920306

Priority
• US 66786191 A 19910312
• US 66796291 A 19910312
• US 66808391 A 19910312

Abstract (en)
A dispenser apparatus (20) for serially dispensing paper napkins or similar sheet products (10) from a stack (S) of such products comprising a housing having a curved back wall (18) and a nose piece (34) with an opening therein for dispensing said sheets. The nose piece includes two pairs of contact surfaces (44, 46, and 60, 62) arranged to subject the lowermost sheet to two sequential bending forces applied to said sheet at right angles to one another. During the bending, a flap terminal end (13) of the lowermost sheet is unsupported by the nose piece (34) over its central area. Bending of the folded sheet product urges the flap terminal end (13) outwardly away from the rest of the sheets in the stack to facilitate grasping and removal of the lowermost sheet. A blocking member (80) may also be provided which obstructs the interior of the housing above the stack after the stack has shortened to a predetermined level preventing upward movement of the sheets remaining in the stack. <IMAGE>

IPC 1-7
A47K 10/42

IPC 8 full level
A47K 10/20 (2006.01); **A47K 10/42** (2006.01); **B65H 1/06** (2006.01)

CPC (source: EP)
A47K 10/20 (2013.01); **A47K 10/425** (2013.01); **B65H 1/06** (2013.01)

Citation (search report)
• [X] FR 2538695 A1 19840706 - BEGHIN SAY SA [FR]
• [X] US 1898983 A 19330221 - WHEELER JR SETH
• [A] US 3203586 A 19650831 - DOWNHAM CYRIL E
• [A] CH 524350 A 19720630 - CWS INTERNAT AG FA [CH]
• [A] US 2172140 A 19390905 - KIEFT ABRAM T
• [A] US 1508020 A 19240909 - HORWITT PAUL H

Cited by
EA023174B1; US10222121B2; US7530471B2

Designated contracting state (EPC)
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