

Title (en)
Self-rolling banner

Title (de)
Selbstaufwickelnde Fahne

Title (fr)
Drapeau auto-enroulant

Publication
EP 1139320 A1 20011004 (EN)

Application
EP 01302660 A 20010322

Priority
IL 13521800 A 20000322

Abstract (en)
The invention provides a self-rolling banner comprising an elongated sheet of self-rolling material having two ends and two side edges and at least one handle having ends bracketing the side edges of the sheet adjacent one of the ends, wherein the material is capable of alternating between a relaxed and tensioned state and of independently assuming a rolled-up configuration in the relaxed state around at least one end of the sheet, the end being attached to an axle means around which the sheet assumes its rolled-up configuration, characterized in that the axle is freely attached to the ends of the handle, enabling the free rotation of the axle relative thereto. <IMAGE>

IPC 1-7
G09F 17/00

IPC 8 full level
G09F 17/00 (2006.01)

CPC (source: EP)
G09F 17/00 (2013.01)

Citation (search report)
• [Y] US 5966854 A 19991019 - WALSH ROBERT M [US], et al
• [DY] US 4848437 A 19890718 - LANIADO JOSEPHE [IL], et al
• [Y] US 5097611 A 19920324 - SMOLLAR MARVIN [US], et al
• [A] US 6004415 A 19991221 - KO CHUNG-CHIEH [TW]

Cited by
GB2511359A; DE202007014034U1; WO2007107039A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1139320 A1 20011004; EP 1139320 B1 20051123; AT E311007 T1 20051215; DE 60115129 D1 20051229; DE 60115129 T2 20060803; DK 1139320 T3 20060410; ES 2254329 T3 20060616; IL 135218 A0 20010520; IL 135218 A 20050831

DOCDB simple family (application)
EP 01302660 A 20010322; AT 01302660 T 20010322; DE 60115129 T 20010322; DK 01302660 T 20010322; ES 01302660 T 20010322; IL 13521800 A 20000322