

Title (en)  
RUCKSACK WITH INTEGRATED ROLLING AND TRACTION SYSTEM

Title (de)  
RUCKSACK MIT INTEGRIERTER ROLL- UND ZUGEINRICHTUNG

Title (fr)  
SAC A DOS AVEC SYSTEME DE ROULAGE ET TRACTION INTEGRE

Publication  
**EP 1117314 A1 20010725 (FR)**

Application  
**EP 99970005 A 19991001**

Priority  
• BE 9900125 W 19991001  
• BE 9800714 A 19981002

Abstract (en)  
[origin: WO0019862A1] The invention concerns a rucksack with walls made of soft material comprising a retractable handle (7) and rollers. An inner base plate (2) curved inwards is provided, integral with the base of at least a telescopic housing (10) for the retractable handle (7) rod(s) (1), said housing being arranged internally to the luggage along one surface. The base plate (2) comprises openings (8, 8') at the curvature, receiving the projecting rollers (5). The top end (10) of the telescopic housing(s) is made integral with a support plate (3) made of soft material extending perpendicular to the telescopic system. The surface in contact with the back provided with straps (31) is opposite the surface adjacent to the telescopic housing (10).

IPC 1-7  
**A45F 3/04**; **A45C 5/14**

IPC 8 full level  
**A45C 5/14** (2006.01); **A45C 13/22** (2006.01); **A45F 3/04** (2006.01); **A45F 5/10** (2006.01)

CPC (source: EP US)  
**A45C 5/14** (2013.01 - EP US); **A45F 3/04** (2013.01 - EP US)

Citation (search report)  
See references of WO 0019862A1

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

DOCDB simple family (publication)  
**WO 0019862 A1 20000413**; AT E284150 T1 20041215; AU 5963299 A 20000426; AU 758935 B2 20030403; DE 69922524 D1 20050113; DE 69922524 T2 20050512; EP 1117314 A1 20010725; EP 1117314 B1 20041208; ES 2234335 T3 20050616; HK 1039261 B 20050826; IL 143886 A0 20020421; IL 143886 A 20070603; JP 2002526132 A 20020820; JP 4558204 B2 20101006; PT 1117314 E 20050429; US 6702164 B1 20040309; ZA 996258 B 20000114

DOCDB simple family (application)  
**BE 9900125 W 19991001**; AT 99970005 T 19991001; AU 5963299 A 19991001; DE 69922524 T 19991001; EP 99970005 A 19991001; ES 99970005 T 19991001; HK 02100356 A 20020116; IL 14388601 A 20010620; IL 14388699 A 19991001; JP 2000573228 A 19991001; PT 99970005 T 19991001; US 80675501 A 20010402; ZA 996258 A 19991001