

Title (en)  
DISPOSABLE RESPIRATOR

Title (de)  
WEGWERFBARE BEATMUNGSMASKE

Title (fr)  
MASQUE FILTRANT JETABLE

Publication  
**EP 1296575 A2 20030402 (EN)**

Application  
**EP 01935458 A 20010514**

Priority  
• US 0115492 W 20010514  
• US 57810600 A 20000524

Abstract (en)  
[origin: WO0189330A2] A disposable respirator including peripheral bindings of filter material providing breathable filter protection along the periphery of the respirator, portions of that periphery being set against the face of the wearer. The respirator further includes filter material pleated a plurality of times and set away from the face of the wearer by lengths of ultrasonically welded or heat sealed side welds. The additional pleats advantageously provide high filtering surface area and a low filtering load across the periphery and pocket of the respirator. The result is superior breathability and comfort.  
[origin: WO0189330A2] A disposable respirator (10) including peripheral bindings of filter material providing breathable filter protection along the periphery of the respirator, portions of that periphery (34, 36) being set against the face of the wearer. The respirator further includes filter material (32) pleated a plurality of times and set away from the face of the wearer by lengths of ultrasonically welded or heat sealed side welds (16, 18). The additional pleats advantageously provide high filtering surface area and a low filtering load across the periphery and pocket of the respirator. The result is superior breathability and comfort.

IPC 1-7  
**A41D 13/11**

IPC 8 full level  
**A41D 13/11** (2006.01)

CPC (source: EP)  
**A41D 13/1115** (2013.01); **A41D 13/1123** (2013.01)

Citation (search report)  
See references of WO 0189330A2

Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**WO 0189330 A2 20011129; WO 0189330 A3 20020523**; AU 6155201 A 20011203; CA 2410260 A1 20011129; EP 1296575 A2 20030402

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