

Title (en)
PORTABLE LAMP

Publication
EP 0431462 A3 19920304 (DE)

Application
EP 90122803 A 19901129

Priority
DE 3940189 A 19891205

Abstract (en)
[origin: EP0431462A2] A portable lamp has a battery-accommodating tubular housing (11), which is closed in a pressure-proof fashion by a cover cap (12). Welded to the housing (11) itself is a tube (15), which has the form of a conical frustum and whose outer surface surrounds in a pressure-proof fashion a metal core (20) which has an internal thread (26, 27) in which a threaded ring (28) serves for fixing a lens arrangement (41, 42, 44). Owing to the fact that the tubular housing is sealed in a pressure-proof fashion with the tube, the metal ring, the threaded ring and the lens arrangement, the lamp can be used optimally as an explosion-protected portable lamp in potentially explosive regions of the zone O.

IPC 1-7
F21L 7/00; **F21V 25/12**

IPC 8 full level
F21L 4/00 (2006.01); **F21V 25/12** (2006.01); **F21Y 101/00** (2016.01)

CPC (source: EP)
F21L 2/00 (2013.01); **F21V 25/12** (2013.01)

Citation (search report)
• [Y] EP 0285349 A2 19881005 - WOLF SAFETY LAMP COMPANY LIMIT [GB]
• [Y] US 4489367 A 19841218 - HERRON CHARLES R [US], et al
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Designated contracting state (EPC)
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