

Title (en)
PROTECTIVE HELMET, IN PARTICULAR FOR FORESTRY WORKERS

Title (de)
SCHUTZHELM, INSBESONDERE FÜR FORSTARBEITER

Title (fr)
CASQUE DE PROTECTION DESTINÉ NOTAMMENT À DES OUVRIERS FORESTIERS

Publication
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Application
EP 11730983 A 20110712

Priority
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Abstract (en)
[origin: CA2804406A1] A protective helmet is described, with a helmet shell (36) and with an interior fitting subassembly (40) which comprises at least one supporting cage (42), a head band (44) and a neck band (46). Three supporting arms (54, 55, 56) serve to fasten the subassembly (40) to the helmet shell (36) with a spacing. A clearance (60) is thus provided between the interior fitting subassembly (40) and the helmet shell (36) for receiving ear protection capsules (35a, 35b) and supporting straps (37a, 37b) of ear defenders (34) and of another helmet accessory. When not in use, the ear defenders (34) can be pivoted under the helmet shell (36). The protective helmet (30) therefore does not provide any engagement possibilities whatsoever for obstacles, such as branches and the like. The supporting arms (54, 55, 56) partially conduct a force acting on the helmet (30) from above back into the helmet shell (36) in order to elastically deform the latter. The helmet (30) therefore has improved shock absorption capability.

IPC 8 full level
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