Title (en)

Braking device, particularly for braking the descent of a life-boat

Title (de)

Bremsvorrichtung, insbesondere zum Bremsen der Abwärtsbewegung eines Rettungsbootes

Title (fr)

Dispositif de freinage, en particulier pour freiner la descente d'un canot de sauvetage

Publication

EP 0875448 A2 19981104 (EN)

Application

EP 98107306 A 19980422

Priority

IT MI971009 A 19970430

Abstract (en)

A braking device, in particular for braking the descent of a life-boat when lowered from a ship, of the type comprising a pair of braking discs (2, 9), of which a first disc (2) is connected to a fixed member (1) and the other (9) is connected to a rotating member to be braked, for example a winch, and brake means (13, 24; 23) arranged to urge the discs one against the other so as to brake said rotating member. The brake means comprise static braking means (13, 24) arranged to exert a constant thrust on the discs such as to maintain them in mutual contact and maintain the rotating member braked, means (17; 28) for at least partly counteracting the action of the static braking means and enabling the discs to be separated when it is required to enable the braking member to rotate, and dynamic braking means connected to the rotating member and comprising a loose mass (23) arranged to exert, by centrifugal effect, a thrust on the discs proportional to the rotational speed of said rotating member such as to bring the discs into mutual contact and brake the rotating member, cooling means (18, 19) being provided at least for the braking discs (2, 9). <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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