

Title (en)
Chronograph wrist-watch.

Title (de)
Chronographenarmbanduhr.

Title (fr)
Montre-bracelet chronographe.

Publication
EP 0408512 A1 19910116 (FR)

Application
EP 90810526 A 19900711

Priority
CH 263789 A 19890713

Abstract (en)
[origin: JPH0351790A] PURPOSE: To eliminate the need to carry another stop watch in another hand by providing a second hand for a stop watch adapted to make one turn per min. and a dial which has a fan area differently colored and disposed before the zero point. CONSTITUTION: When an indication of 10min. up to the starting is given, the user depresses a button to start a stop watch. Each time a second hand 5 for the stop watch makes one turn, a fan member 11 advances by one min. When a blue area disappears, the user learns that five min. is left up to the starting. When the decremental counting of 9 min. is ended, that is, the front edge 19 of the fan member 11 is positioned on a graduation indicating the last one minute on the dial 13, a cut part 15 advances onto an orange-colored fan area 14. This indicates that the last one minute starts and thereafter, it is necessary to carefully watch the second hand 5 at the center.

Abstract (fr)
Le totalisateur de minutes est utilisé en décompteur et comprend un secteur de disque rotatif (11) laissant apparaître un secteur contrasté de cadran précédant le zéro de la graduation, au début du décomptage, et muni d'une encoche (15). Cette encoche laisse apparaître un second secteur d'aspect contrasté (14) à l'instant où le bord frontal (19) du premier secteur atteint une graduation proche de zéro, par exemple la dernière minute, de manière à informer le porteur que la dernière minute est entamée. Particulièrement destinée au yachting.

IPC 1-7
G04B 19/06; G04F 7/08; G07C 1/22

IPC 8 full level
G04C 3/00 (2006.01); **G04B 19/06** (2006.01); **G04F 3/06** (2006.01); **G04F 7/06** (2006.01); **G04F 7/08** (2006.01); **G04F 8/02** (2006.01); **G07C 1/22** (2006.01)

CPC (source: EP US)
G04B 19/06 (2013.01 - EP US); **G04F 7/089** (2013.01 - EP US); **G07C 1/22** (2013.01 - EP US)

Citation (search report)
• [A] CH 328495 A 19580315 - FONTAINEMELON HORLOGERIE [CH]
• [A] DE 2823412 A1 19781207 - EBAUCHES ELECTRONIQUES SA
• [A] DE 2309812 A1 19730920 - VALJOUX SA
• [A] GB 2183373 A 19870603 - ROLEX MONTRES

Cited by
EP2790071A3; EP2642355A1; EP1528444A4; ES2147143A1; EP2790071A2; EP2874021A1; US7215603B2; WO0017714A1; EP2874021B1; WO9535556A1

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EP 90810526 A 19900711; AT 90810526 T 19900711; CH 263789 A 19890713; DE 69000458 T 19900711; JP 17250790 A 19900629; US 54745990 A 19900703