

Title (en)
SAFETY BRAKE

Publication
EP 0279144 B1 19921014 (DE)

Application
EP 87730158 A 19871201

Priority
DE 3644781 A 19861223

Abstract (en)
[origin: EP0279144A2] A safety brake for a driven shaft, with brake disc and cam plate for a running roller which can be pressed thereon by a tripping spring and has a pawl engaging during excessive speed. So that this safety brake can be designed in such a way that it can respond for both directions of rotation, it is proposed that two toothed rings (5) with opposed blocking action of the teeth (5a) as well as a basic body (16) with a pawl bolt (12) for opposite pawls (11) be arranged on the shaft (1). An unlocking pin (20) and a locking bolt (21) are mounted in the basic body (16) for the simultaneous engagement and release of the pawls (11). <IMAGE>

IPC 1-7
B66B 5/04

IPC 8 full level
B66B 5/04 (2006.01); **B66B 5/16** (2006.01); **B66D 5/34** (2006.01)

CPC (source: EP)
B66B 5/16 (2013.01); **B66D 5/34** (2013.01)

Cited by
US12006190B2; CN103318766A; EP0475114A1; EP0648706A1; GB2264283A; GB2264283B; US2022242704A1; EP0338613B1; WO2021013285A1; WO2021013286A1; US11999600B2

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