

Title (en)  
ELECTROMAGNETIC SAFETY TRIGGER

Title (de)  
ELEKTROMAGNETISCHER SICHERHEITSAUSLÖSER

Title (fr)  
DÉCLENCHEUR ÉLECTROMAGNÉTIQUE DE SÉCURITÉ

Publication  
**EP 3587328 A2 20200101 (EN)**

Application  
**EP 19167273 A 20190404**

Priority  
US 201815947328 A 20180406

Abstract (en)  
The present disclosure relates generally to a selectively operable safety brake including a magnetic brake operably coupled to a rod and disposed adjacent to a metal component, the magnetic brake configured to move between an engaging position and a non-engaging position, said magnetic brake, when in the engaging position contemporaneously with motion of the machine, moving the rod in to thereby move the safety brake from the non-braking state into the braking state, and an electromagnetic component including a retention apparatus, the electromagnetic component configured to move the magnetic brake from the engaging position to the non-engaging position upon receipt of a resetting signal.

IPC 8 full level  
**B66B 5/22** (2006.01)

CPC (source: CN EP)  
**B66B 5/044** (2013.01 - CN); **B66B 5/18** (2013.01 - CN); **B66B 5/22** (2013.01 - EP)

Cited by  
EP3929131A1; US11724908B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3587328 A2 20200101**; **EP 3587328 A3 20200129**; **EP 3587328 B1 20211117**; CN 110342367 A 20191018; CN 110342367 B 20210831

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**EP 19167273 A 20190404**; CN 201910271150 A 20190404