

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)
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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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