

Title (en)  
Safety component

Title (de)  
Sicherheitskomponente

Title (fr)  
Composant de sécurité

Publication  
**EP 2543890 B1 20180905 (EN)**

Application  
**EP 11172516 A 20110704**

Priority  
EP 11172516 A 20110704

Abstract (en)  
[origin: EP2543890A1] The invention relates to a safety component for controlling movements of machines, which movements are provided by a fluid system. The safety component (10) is arranged by means of at least one digital valve group (DV).

IPC 8 full level  
**F15B 11/042** (2006.01)

CPC (source: EP)  
**F15B 11/0426** (2013.01); **F15B 2211/30575** (2013.01); **F15B 2211/40592** (2013.01); **F15B 2211/7053** (2013.01)

Citation (examination)

- GB 2367868 A 20020417 - TRW LTD [GB]
- WO 2007087030 A1 20070802 - FISHER CONTROLS INT [US], et al
- US 2007018127 A1 20070125 - SEBERGER STEPHEN G [US]
- WO 0052374 A1 20000908 - FISHER CONTROLS INT [US]
- US 2002145515 A1 20021010 - SNOWBARGER JIMMIE L [US], et al
- DE 102009026608 A1 20101202 - METSO PAPER INC [FI]

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

DOCDB simple family (publication)  
**EP 2543890 A1 20130109; EP 2543890 B1 20180905**; CN 102865451 A 20130109; CN 102865451 B 20160309

DOCDB simple family (application)  
**EP 11172516 A 20110704**; CN 201210230426 A 20120704