

Title (en)  
CRASH ELEMENT

Title (de)  
CRASHELEMENT

Title (fr)  
ÉLÉMENT DE COLLISION

Publication  
**EP 3899143 A1 20211027 (EN)**

Application  
**EP 18840052 A 20181217**

Priority  
IB 2018060183 W 20181217

Abstract (en)  
[origin: WO2020128567A1] A crash element (1) for absorbing impacts of vehicles that move according to a driving direction (A), wherein the crash element (1) comprises an upright extending main beam (2), wherein the main beam (2) comprises one or several upright extending outer surfaces (3a, 3b, 3c, 3d) which form at least a front part (3a), a first and a second side part (3b, 3c) and a rear part (3d) of the main beam (2), wherein the crash element (1) comprises a first and a second support beam (4a, 4b) to support the main beam (2), wherein the first support beam (4a) is connected to the main beam (2) at the height of the front part (3a) and wherein the second support beam (4b) is connected to the main beam (2) at the height of the rear part (3d), and wherein the connection of the first support beam (4a) to the main beam (2) is located at a lower height than the connection of the second support beam (4b) to the main beam (2), wherein the longitudinal direction (B) of the main beam (2) is provided to form an angle ( $\alpha$ ) with the driving direction (A) of between  $45^\circ$  and  $85^\circ$  and the main beam (2) leans upon the first support beam (4a).

IPC 8 full level  
**E01F 13/12** (2006.01); **E01F 15/04** (2006.01)

CPC (source: EP)  
**E01F 13/12** (2013.01); **E01F 15/0461** (2013.01)

Citation (search report)  
See references of WO 2020128567A1

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)  
**WO 2020128567 A1 20200625**; EP 3899143 A1 20211027

DOCDB simple family (application)  
**IB 2018060183 W 20181217**; EP 18840052 A 20181217