

Search history

Search 1: sft=((wire w3 (net or netting or mesh*)) and (bent or bend+)) (Results 20722)

Search 2: (1) and sft=((second or another or two or other) w3 angle?) (Results 1285)

Search 2: (1) and ft=((second or another or two or other) w3 angle?) (Results 1285)

Search 3: (2) and ft=(rectang* or romb*) (Results 713)

Search 4: (3) and ft=((bent or bending) w5 angle) (Results 91)

Search 5: [SP]: 1. a wire netting, in particular a safety net, with a plurality of helices which are braided with one another and at least one of which is manufactured of at least one single wire, a wire bundle, a wire strand, a wire rope and/or another longitudinal element with at least one wire and which comprises at least one first leg, at least one second leg and at least one bending region connecting the first leg and the second leg to one another, wherein, in a front view perpendicularly to a main extension plane of the helix, the first leg extends with at least one first gradient angle with respect to a longitudinal direction of the helix, wherein, in a transverse view in parallel to the main extension plane of the helix and perpendicularly to the longitudinal direction of the helix, the bending region extends at least section-wise with a second gradient angle with respect to the longitudinal direction of the helix, wherein the second gradient angle differs from the first gradient angle. 2. the wire netting according to claim 1, wherein the wire is at least partly made of a high-tensile steel. 3. the wire netting according to claim 2, wherein the wire has a tensile strength of at least 800 n mm⁻². 4. the wire netting according to claim 1, wherein the second gradient angle differs from the first gradient angle by at least 2.5 degrees, advantageously by at least 10 degrees. 5. the wire netting according to claim 1, wherein the second gradient angle has a value between 25 degrees and 65 degrees, advantageously between 40 degrees and 50 degrees. 6. the wire netting according to claim 1, wherein, in the transverse view, the bending region follows at least section-wise an at least approximately straight contour. 7. the wire netting according to claim 1, wherein, in the transverse view, the helix follows at least section-wise a stepped course. 8. the wire netting according to claim 1, wherein the first leg and/or the second leg at least section-wise follows a straight contour. 9. the wire netting according to claim 1, wherein the first leg extends at least section-wise in a first plane and the second leg extends at least section-wise in a second plane that is parallel to the first plane. 10. the wire netting according to claim 1, further comprising at least one further helix with at least one further bending region, in a proximity of which the helix and the further helix intersect at least substantially perpendicularly. 11. the wire netting according to claim 1, wherein the second gradient angle is smaller than the first gradient angle. 12. the wire netting according to claim 1, wherein the second gradient angle is larger than the first gradient angle. 13. the wire netting according to claim 1, wherein the first gradient angle is larger than 45 degrees. 14. the wire netting according to claim 1, wherein the first gradient angle is smaller than 45 degrees. 15. a method for manufacturing a helix for a wire netting, in particular for a safety net, in particular according to claim 1, wherein the helix is manufactured of at least one single wire, a wire bundle, a wire strand, a wire rope and/or another longitudinal element with at least one wire, and wherein at least one first leg, at least one second leg and at least one bending region of the helix connecting the first leg and the second leg to one another are manufactured by way of bending, as a result of which, in a first view perpendicularly to a main extension plane of the helix, the first leg and/or the second leg extends at least with a first gradient angle with respect to a longitudinal direction of the helix, wherein the helix is manufactured by bending in such a way that, in a second view in parallel to the main extension plane of the helix and perpendicularly to the longitudinal direction of the helix, the bending region extends at least section-wise with a second gradient angle with respect to the longitudinal direction of the helix that differs from the first gradient angle. (Results 48)

Search 6: fn=(50961104 or 50961104 or 50961104 or 54627732 or 1449751 or 19861837 or 23876671 or 1449751 or 29596792 or 33431250 or 31116930 or 38345882 or 38853080 or 39750612 or 61180222 or 10550687 or 28466793 or 29596792 or 60741640 or 34548073 or 54627732 or 29596792 or 54627732 or 29596792) (Results 16)

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- Update information:

PatBase Coverage at Update 2018 Week 43 (Year 2018 Week 43)

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Major countries

Publishing body	Document type	Bibliographic publication date		Full-Text publication date	
		Earliest	Latest	Earliest	Latest
CN China	Patent Applications	19850910	20181026	19850910	20181026
	Patents	19930106	20181026	19930106	20181026
	Utility Model Applications	19850409	19921230	19850409	19921230
	Utility Models	19930106	20181023	19930106	20181023
	Designs	19850910	20181026	19850910	20150819
DE Germany	Patent Applications	19211221	20181025	19650317	20181025
	Patents	18770101	20181025	19200113	20181025
	Utility Models	19280626	20181025	19610831	20181025
	EP/WO Patents	19871217	20140410		
EP European Patent Office	Patent Applications	19781220	20181024	19781220	20181024
	Patents	19800109	20181024	19800109	20181024
FR France	Patent Applications	19690307	20181026	19810102	20181005
	Patents	18550227	20181026	19600502	20181019
	Utility Model Applications	19720107	20181026	19800104	20181005
	Utility Models	19730112	20181026	19690802	20181019
GB United Kingdom	Unpublished Patent Applications	19830209	20181010		
	Patent Applications	19790104	20181024	19790104	20181010
	Patents	17820704	20181024	19020911	19811216
JP Japan	Patent Applications	19710116	20181025	19930108	20181018
	Patents	19281026	20181010	19960529	20181010
	Utility Model Applications	19710723	20060209	19990817	20031107
	Utility Models	19640805	19960329		
	Registered Utility Models	19940726	20181011	19940726	20101216
	Designs	20141110	20181022		
KR Republic of Korea	Patent Applications	19781209	20181026	19800531	20181026
	Patents	19700820	20181026	19770628	20181026
	Utility Model Applications	19781127	20181026	19940730	20181026
	Utility Models	19780110	20181026	19970104	20181026
US United States of America	Patent Applications	20010315	20181025	20010315	20181025
	Patents	18360101	20181023	18560617	20181023
	Designs	18650912	20181023	19770719	20181023

WO World Intellectual Property Organization (WIPO)	Patent Applications	19781019	20181025	19781019	20181025
	Designs	20151023	20181026	20151023	20181026

20181027 21:00

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- **search:** SS1 sft=((wire w3 (net or netting or mesh*)) and (bent or bend+)) (Results 20722)
- **search:** SS2 (1) and sft=((second or another or two or other) w3 angle?) (Results 1285)
- cancel last search
- **search:** SS2 (1) and ft=((second or another or two or other) w3 angle?) (Results 1285)
- **search:** SS3 (2) and ft=(rectang* or romb*) (Results 713)
- **search:** SS4 (3) and ft=((bent or bending) w5 angle) (Results 91)
- List: SS4 1–25 ((3) and ft=((bent or bending) w5 angle)) (Results 91)
- **search:** SS5 [SP]: 1. a wire netting, in particular a safety net, with a plurality of helices which are braided with one another and at least one of which is manufactured of at least one single wire, a wire bundle, a wire strand, a wire rope and/or another longitudinal element with at least one wire and which comprises at least one first leg, at least one second leg and at least one bending region connecting the first leg and the second leg to one another, wherein, in a front view perpendicularly to a main extension plane of the helix, the first leg extends with at least one first gradient angle with respect to a longitudinal direction of the helix, wherein, in a transverse view in parallel to the main extension plane of the helix and perpendicularly to the longitudinal direction of the helix, the bending region extends at least section-wise with a second gradient angle with respect to the longitudinal direction of the helix, wherein the second gradient angle differs from the first gradient angle. 2. the wire netting according to claim 1, wherein the wire is at least partly made of a high-tensile steel. 3. the wire netting according to claim 2, wherein the wire has a tensile strength of at least 800 n mm⁻². 4. the wire netting according to claim 1, wherein the second gradient angle differs from the first gradient angle by at least 2.5 degrees, advantageously by at least 10 degrees. 5. the wire netting according to claim 1, wherein the second gradient angle has a value between 25 degrees and 65 degrees, advantageously between 40 degrees and 50 degrees. 6. the wire netting according to claim 1, wherein, in the transverse view, the bending region follows at least section-wise an at least approximately straight contour. 7. the wire netting according to claim 1, wherein, in the transverse view, the helix follows at least section-wise a stepped course. 8. the wire netting according to claim 1, wherein the first leg and/or the second leg at least section-wise follows a straight contour. 9. the wire netting according to claim 1, wherein the first leg extends at least section-wise in a first plane and the second leg extends at least section-wise in a second plane that is parallel to the first plane. 10. the wire netting according to claim 1, further comprising at least one further helix with at least one further bending region, in a proximity of which the helix and the further helix intersect at least substantially perpendicularly. 11. the wire netting according to claim 1, wherein the second gradient angle is smaller than the first gradient angle. 12. the wire netting according to claim 1, wherein the second gradient angle is larger than the first gradient angle. 13. the wire netting according to claim 1, wherein the first gradient angle is larger than 45 degrees. 14. the wire netting according to claim 1, wherein the first gradient angle is smaller than 45 degrees. 15. a method for manufacturing a helix for a wire netting, in particular for a safety net, in particular according to claim 1, wherein the helix is manufactured of at least one single wire, a wire bundle, a wire strand, a wire rope and/or another longitudinal element with at least one wire, and wherein at least one first leg, at least one second leg and at least one bending region of the helix connecting the first leg and the second leg to one another are manufactured by way of bending, as a result of which, in a first view perpendicularly to a main extension plane of the helix, the first leg and/or the second leg extends at least with a first gradient angle with respect to a longitudinal direction of the helix, wherein the helix is manufactured by bending in such a way that, in a second view in parallel to the main extension plane of the helix and perpendicularly to the longitudinal direction of the helix, the bending region extends at least section-wise with a second gradient angle with respect to the longitudinal direction of the helix that differs from the first gradient angle. (Results 48)
- List: SS5 1–25 ([SP]: 1. a wire netting, in particular a safety net, with a plurality of helices which are braided with one another and at least one of which is manufactured of at least one single wire, a wire bundle, a wire strand, a wire rope and/or another longitudinal element with at least one wire and which comprises at least one first leg, at least one second leg and at least one bending region connecting the first leg and the second leg to one another, wherein, in a front view perpendicularly to a main extension plane of the helix, the first leg extends with at least one first gradient angle with respect to a longitudinal direction of the helix, wherein, in a transverse view in parallel to the main extension plane of the helix and perpendicularly to the longitudinal direction of the helix, the bending region extends at least section-wise with a second gradient angle with respect to the longitudinal direction of the helix, wherein the second gradient angle differs from the first gradient angle. 2. the wire netting according to claim 1, wherein the wire is at least partly made of a high-tensile steel. 3. the wire netting according to claim 2, wherein the wire has a tensile strength of at least 800 n mm⁻². 4. the wire netting according to claim 1, wherein the second gradient angle differs from the first gradient angle by at least 2.5 degrees, advantageously by at least 10 degrees. 5. the wire netting according to claim 1, wherein the second gradient angle has a value between 25 degrees and 65 degrees, advantageously between 40 degrees and 50 degrees. 6. the wire netting according to claim 1, wherein, in the

transverse view, the bending region follows at least section-wise an at least approximately straight contour. 7. the wire netting according to claim 1, wherein, in the transverse view, the helix follows at least section-wise a stepped course. 8. the wire netting according to claim 1, wherein the first leg and/or the second leg at least section-wise follows a straight contour. 9. the wire netting according to claim 1, wherein the first leg extends at least section-wise in a first plane and the second leg extends at least section-wise in a second plane that is parallel to the first plane. 10. the wire netting according to claim 1, further comprising at least one further helix with at least one further bending region, in a proximity of which the helix and the further helix intersect at least substantially perpendicularly. 11. the wire netting according to claim 1, wherein the second gradient angle is smaller than the first gradient angle. 12. the wire netting according to claim 1, wherein the second gradient angle is larger than the first gradient angle. 13. the wire netting according to claim 1, wherein the first gradient angle is larger than 45 degrees. 14. the wire netting according to claim 1, wherein the first gradient angle is smaller than 45 degrees. 15. a method for manufacturing a helix for a wire netting, in particular for a safety net, in particular according to claim 1, wherein the helix is manufactured of at least one single wire, a wire bundle, a wire strand, a wire rope and/or another longitudinal element with at least one wire, and wherein at least one first leg, at least one second leg and at least one bending region of the helix connecting the first leg and the second leg to one another are manufactured by way of bending, as a result of which, in a first view perpendicularly to a main extension plane of the helix, the first leg and/or the second leg extends at least with a first gradient angle with respect to a longitudinal direction of the helix, wherein the helix is manufactured by bending in such a way that, in a second view in parallel to the main extension plane of the helix and perpendicularly to the longitudinal direction of the helix, the bending region extends at least section-wise with a second gradient angle with respect to the longitudinal direction of the helix that differs from the first gradient angle.) (Results 48)

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