

## HAIRCUTS DEUDA EXTERNA DICIEMBRE DE 2022

NOMBRE_BBRG	MARKET_ISSUE	calcTypDes	denominacion	mtyTyp	fecha_emision	fecha_vencimiento
XS1385239006	GLOBAL	STREET CONVENTION	EUR	AT MATURITY	24/02/1997	22/03/2026
XS0833886095	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	21/03/2023
XS0306322065	GLOBAL	STREET CONVENTION	COP	AT MATURITY	28/06/2007	28/06/2027
USP3772NHK11	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	15/03/2023
US195325DZ51	GLOBAL	STREET CONVENTION	USD	AT MATURITY	12/11/2021	22/04/2032
US195325DX04	GLOBAL	STREET CONVENTION	USD	AT MATURITY	22/01/2021	15/02/2061
US195325DT91	GLOBAL	STREET CONVENTION	USD	AT MATURITY	4/06/2020	15/05/2051
US195325DS19	GLOBAL	STREET CONVENTION	USD	AT MATURITY	4/06/2020	15/04/2031
US195325DR36	GLOBAL	STREET CONVENTION	USD	AT MATURITY	30/01/2020	30/01/2030
US195325DQ52	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2019	15/05/2049
US195325DP79	GLOBAL	STREET CONVENTION	USD	AT MATURITY	12/10/2018	15/03/2029
US195325DL65	GLOBAL	STREET CONVENTION	USD	AT MATURITY	25/01/2017	25/04/2027
US195325CX13	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/09/2015	28/01/2026
US195325CU73	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2015	15/06/2045
US195325BR53	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	26/02/2044
US195325BQ70	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	26/02/2024
US195325BM66	GLOBAL	STREET CONVENTION	USD	AT MATURITY	20/10/2009	18/01/2041
US195325BK01	GLOBAL	STREET CONVENTION	USD	AT MATURITY	19/09/2006	18/09/2037
US195325BD67	GLOBAL	STREET CONVENTION	USD	AT MATURITY	21/01/2004	21/05/2024
US195325BB02	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	28/01/2033
US195325AQ89	GLOBAL	STREET CONVENTION	USD	AT MATURITY	17/03/2000	9/03/2028
US195325AL92	GLOBAL	STREET CONVENTION	USD	AT MATURITY	24/02/1997	15/02/2027

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1	2	3	4	5	6	7	8	9	10	11	12	13
4,048%	5,430%	6,482%	7,803%	9,126%	10,858%	10,977%	10,977%	11,881%	13,206%	13,873%	14,678%	15,198%
3,000%	3,000%	3,000%	3,144%	3,545%	3,745%	4,132%	4,227%	4,679%	5,309%	5,771%	5,970%	5,970%
4,051%	5,090%	7,782%	7,851%	8,122%	8,696%	8,963%	9,196%	9,613%	9,666%	9,666%	9,666%	9,666%
3,000%	3,000%	3,057%	3,286%	3,558%	3,603%	3,639%	3,660%	3,935%	4,527%	5,044%	5,205%	5,205%
15,368%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
6,423%	9,799%	10,873%	13,827%	14,579%	15,677%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
7,130%	9,980%	11,039%	14,881%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
4,420%	7,237%	8,699%	10,932%	11,489%	12,836%	14,419%	15,371%	15,371%	16,000%	16,000%	16,000%	16,000%
4,233%	6,502%	8,728%	9,980%	10,352%	12,135%	14,821%	14,821%	15,869%	16,000%	16,000%	16,000%	16,000%
5,674%	9,297%	12,180%	14,498%	15,012%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
3,829%	5,878%	7,466%	9,446%	10,395%	11,053%	13,862%	13,862%	14,799%	15,122%	15,213%	15,213%	15,213%
3,207%	4,588%	6,298%	7,526%	8,285%	9,913%	11,576%	11,597%	12,428%	12,925%	12,925%	12,925%	12,925%
3,000%	3,905%	4,706%	5,843%	6,147%	7,163%	8,807%	8,807%	9,111%	9,576%	9,616%	9,616%	9,645%
6,303%	8,734%	11,990%	15,073%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
5,535%	8,330%	9,880%	12,800%	14,126%	14,989%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
3,000%	3,000%	3,402%	3,915%	4,026%	4,085%	4,309%	4,554%	4,811%	5,331%	5,924%	6,110%	6,110%
5,378%	7,559%	10,402%	12,528%	13,371%	14,690%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
4,896%	7,228%	8,489%	10,840%	11,537%	13,111%	14,981%	15,311%	16,000%	16,000%	16,000%	16,000%	16,000%
3,000%	3,073%	3,643%	4,342%	4,494%	5,118%	5,151%	5,181%	5,384%	5,619%	6,012%	6,194%	6,219%
4,867%	7,128%	8,298%	10,301%	12,032%	14,601%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
3,067%	4,297%	5,552%	6,763%	7,287%	7,439%	8,428%	8,886%	9,156%	9,365%	9,365%	9,591%	9,591%
3,000%	3,957%	5,170%	6,286%	6,614%	6,924%	7,771%	8,130%	8,402%	8,544%	8,544%	8,679%	8,679%

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14	15	16	17	18	19	20	21	22	23	24	25	26
15,823%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
6,239%	6,239%	6,239%	6,239%	6,239%	6,239%	6,239%	6,239%	6,545%	6,947%	8,399%	8,734%	8,765%
9,666%	9,666%	9,666%	9,666%	10,138%	10,451%	11,473%	12,032%	12,032%	12,499%	13,587%	14,166%	14,828%
5,489%	5,489%	5,489%	5,489%	5,489%	5,489%	5,489%	5,619%	6,128%	6,494%	7,837%	8,219%	8,281%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
15,213%	15,213%	15,213%	15,213%	15,213%	15,213%	15,213%	15,213%	15,213%	15,213%	16,000%	16,000%	16,000%
12,925%	12,925%	12,925%	12,925%	12,925%	12,925%	12,925%	12,925%	12,925%	12,925%	14,835%	16,000%	16,000%
9,645%	9,645%	9,645%	9,645%	9,645%	9,645%	9,645%	9,645%	9,645%	9,645%	11,375%	12,241%	12,563%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
6,380%	6,380%	6,380%	6,380%	6,380%	6,380%	6,380%	6,380%	6,953%	7,391%	9,020%	9,481%	9,562%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
6,270%	6,270%	6,270%	6,270%	6,270%	6,270%	6,270%	6,270%	6,463%	6,926%	8,650%	9,189%	9,315%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
9,591%	9,591%	9,591%	9,591%	9,591%	9,591%	9,591%	9,591%	9,591%	9,916%	12,135%	12,850%	13,075%
8,679%	8,679%	8,679%	8,679%	8,679%	8,679%	8,679%	8,679%	8,679%	8,679%	10,750%	11,387%	11,588%

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27	28	29	30	31	32	33	34	35	60	61	62	63
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
9,308%	9,409%	9,662%	9,689%	9,904%	10,407%	10,547%	10,654%	11,178%	16,000%	16,000%	16,000%	16,000%
15,903%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
8,806%	8,836%	9,126%	9,161%	9,354%	10,266%	10,429%	10,482%	11,344%	16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
13,522%	13,664%	14,125%	14,158%	14,158%	14,665%	15,235%	15,235%	15,489%	16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
10,225%	10,225%	10,607%	10,607%	10,740%	11,685%	12,051%	12,074%	12,940%	16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
9,952%	10,069%	10,415%	10,415%	10,422%	11,236%	11,591%	11,591%	12,239%	16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
13,967%	14,356%	14,644%	14,644%	14,644%	14,644%	15,075%	15,075%	15,597%	16,000%	16,000%	16,000%	16,000%
12,196%	12,482%	12,819%	12,819%	12,819%	12,982%	13,424%	13,424%	13,882%	16,000%	16,000%	16,000%	16,000%

